

## Leavy, Jacqueline

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**From:** CC Grisham [grish@me.com]  
**Sent:** Friday, September 27, 2013 7:43 PM  
**To:** OIG Hotline  
**Cc:** CC Grisham; Moran, Gloria; Starfield, Lawrence; Peycke, Mark; Mccarthy, Gina; Sanchez, Carlos; Curry, Ron; Faultry, Charles; Edlund, Carl; DeLeon, Rafael; Kyle Weaver  
**Subject:** Fwd: Friday, September 20, 2013: Memo of conversation  
**Attachments:** 97-8086 copy.pdf; ATT00001.htm; EPA's Ghose - delete after reading 9302044-2 copy.pdf; ATT00002.htm; ROD of year - r0703125 copy.pdf; ATT00003.htm; 3R - reuse doc key - er3-faqs-05 copy 2.pdf; ATT00004.htm; Quick Action - Scientific Integrity - 20130828-13-P-0364 copy.pdf; ATT00005.htm; plan-ej-2011-09.pdf; ATT00006.htm

Dear Inspector General of the United States Environmental Protection Agency,

I forward the below to you because I am concerned that fraud may have existed on the part of EPA employees at the time Arkwood Inc. was added to the National Priorities List and at the time during which Shawn Ghose was the Remedial Project Manager assigned by Region 6 Superfund to the Arkwood Inc. Superfund site (EPA ID# ARD084930148; Site ID: 0600124,) as I allege below.

I am concerned that fraud, as explained by the OIG website and quoted below, may still exist with regard to EPA Region 6 and EPA Headquarters handling of the Arkwood Inc. Superfund site, as I describe in my emails to Mr. Tzhone below.

I quote from the EPA Office of Inspector General (OIG) Hotline page found at [http://www.epa.gov/oig/hotline.html#File\\_Now](http://www.epa.gov/oig/hotline.html#File_Now), adding my own emphasis (***bold, italicized***) to fraud and waste indicators evidence of which I believe I have in my documentation with regard to EPA's involvement with Arkwood Inc. Superfund site (EPA ID# ARD084930148; Site ID: 0600124.) I will provide my voluminous documentation upon request of the OIG.

### —Begin quoted material —

"Recognizing Fraud, Waste, and Abuse

"Recognizing Fraud

"Fraud is a false representation about a material fact. It is any intentional deception designed to unlawfully deprive the United States or EPA of something of value or to secure for an individual a benefit, privilege, allowance, or consideration to which he or she is not entitled. Following are key fraud indicators; this list is not all-inclusive:

- Unexplained entries of altered records
- Unusually large amounts of payments in cash
- ***Inadequate or missing documentation***
- ***Delays in producing requested documentation***
- Non-serial number transactions
- Unauthorized transactions
- Unusual patterns and trends in contracting and procurement
- Unrealistic contract prices
- Increase in claims for reimbursement
- Offers of gifts, money, or other gratuities from contractors, grantees, or other individuals dealing with the government

- Photocopies of documents where it is difficult to detect alteration
- ***False or misleading information***
- Missing approval signatures
- ***Lack of separation of duties***
- Discrepancies in handwriting
- ***Lack of or out-of-date written policies and procedures, including those safeguarding assets***
- ***Lack of communication and/or support for ethical standards by management***
- Uncharacteristic behavior, including a person living beyond his/her means
- Unaccountable funds
- Uncharacteristic willingness to settle claims
- Fictitious vendors
- Unauthorized personnel with access
- ***Overly complex organizational structure***
- High turnover rate
- ***Reassignment of personnel***
- ***Termination of key personnel***
- ***"Missing" files, reports, data, and invoices (both electronic and paper)***
- ***Missing, weak, or inadequate internal controls***
- ***Management override of key internal controls***
- ***Inadequate monitoring by management***
- ***A history of impropriety***

OFFICE OF THE  
EXECUTIVE SECRETARIAT

2013 SEP 30 PM 1:15

RECEIVED

"Recognizing Waste

*"Waste involves the taxpayers not receiving a reasonable value for money in connection with any government-funded activities due to an inappropriate act or omission. Most waste does not involve a violation of law; rather, waste relates primarily to mismanagement, inappropriate actions, and inadequate oversight."* (From: Office of Inspector General website at [http://www.epa.gov/oig/hotline.html#File\\_Now](http://www.epa.gov/oig/hotline.html#File_Now))

—End quoted material—

I request that OIG initiate a full investigation into the questionable circumstances surrounding EPA's enforcement, remedial and other activities at Arkwood Inc. Superfund site (EPA ID# ARD084930148; Site ID: 0600124.)

Respectfully submitted,

Charles Curtis Grisham, Jr.

Begin forwarded message:

**From:** CC Grisham <[grish@me.com](mailto:grish@me.com)>

**Subject:** Re: Friday, September 20, 2013: Memo of conversation

**Date:** September 27, 2013 12:42:52 PM PDT

**To:** "Tzhone, Stephen" <[tzhone.stephen@epa.gov](mailto:tzhone.stephen@epa.gov)>

**Cc:** CC Grisham <[grish@me.com](mailto:grish@me.com)>, Gloria Moran <[moran.gloria-small@epa.gov](mailto:moran.gloria-small@epa.gov)>, [starfield.lawrence@epa.gov](mailto:starfield.lawrence@epa.gov), Mark Peycke <[Peycke.Mark@epa.gov](mailto:Peycke.Mark@epa.gov)>, [mccarthy.gina@epa.gov](mailto:mccarthy.gina@epa.gov), Carlos Sanchez <[sanchez.carlos@epa.gov](mailto:sanchez.carlos@epa.gov)>, [curry.ron@epa.gov](mailto:curry.ron@epa.gov), Charles Faultry <[Faultry.Charles@epamail.epa.gov](mailto:Faultry.Charles@epamail.epa.gov)>, [Edlund.carl@Epa.gov](mailto:Edlund.carl@Epa.gov), Rafael DeLeon <[DeLeon.Rafael@epa.gov](mailto:DeLeon.Rafael@epa.gov)>

Mr. Tzhone,

EPA's inaction, wrong action, misinformation, lack of transparency, lack of scientific integrity and lack of adherence to the rule of law or its own policies and guidance documents have cumulatively and persistently harmed my family, the Arkwood site lands, the State of Arkansas and the citizenry, and I will seek restitution for those harms from the EPA and the US Government.

Here is one notable example of EPA wrong action, previously brought to the attention of EPA Region 6 management: then-RPM Shawn Ghose wrote to lead PRP McKesson Corporation's Jean Mescher — whom Ghose allowed for years to perform substantially all of his EPA duties and work for him with little or no agency scrutiny — "**Jean : Please delete this after reading.**" (attached)

I was informed by Carlos Sanchez that, beginning sometime subsequent to my relating the above to Mr. Sanchez as Ghose's supervisor, Shawn Ghose is no longer employed at EPA.

That does however not mitigate the damage that Ghose, over the years of his EPA employment, has caused to my family, the site and the local economy, which damage has yet to be redressed by EPA.

Others at EPA are also responsible for substantial harm caused to my family, the site, the State of Arkansas and the public.

Arkwood was not properly scored or assessed initially, at the time Arkwood was added to the NPL. Arkwood should never have been added to the NPL. I will be pursuing redress for this circumstance, hopefully now with assistance from the United States Congress and the Governor of the State of Arkansas.

Now to the substance of your below email:

As I have said before, I have been all over [epa.gov](http://epa.gov) — including the page you patronizingly refer me to below — many time before, procuring both useful and accurate information as well as misleading and erroneous information from that site, as I have proven in my previous complaints about the publicly-misleading bad information still maintained throughout the labyrinthine [epa.gov](http://epa.gov).

My relying on the accuracy of information housed publicly on [epa.gov](http://epa.gov) has harmed me in the past, and in researching today for this response, I am confronted by more broken links, error pages and patently erroneous information published by the US Government on [epa.gov](http://epa.gov).

Have you yourself read the page found at the link you sent me below, including its forward links to documents both current and superseded? Because it doesn't seem to me that you have.

The page found at the link you sent me cites the Federal Register Notice **Section 300.425(e) of the National Contingency Plan (55 FR 8845, March 8, 1990)**.

I don't think you are any more qualified than I am to interpret law, unless you are also an attorney working for EPA in that capacity.

I would expect EPA **attorneys** (such as Gloria Moran, Mark Peycke or someone from Raphael DeLeon office or the Office of the Inspector General) to make the determinations regarding provisions under this and other Federal, State, local or tribal law, not a Remedial Project Manager or Toxicologist, unless she or he is also an admitted attorney acting in that capacity for EPA.

That is why I objected strongly to the last-moment absence of the attorney resource assigned to our 5 September 2013 meeting by EPA Office of Superfund

Here is a link to the text of that Federal Register Notice, in case you have not read the source of authority for the page you forwarded to me:

<http://www.epa.gov/superfund/sites/npl/f910925.htm>

This page states identifies itself as **"48438 - 48442 Federal Register / Vol. 56, No. 186 / Wednesday, September 25, 1991 / Rules and Regulations"**

I do not believe that this page on [epa.gov](http://www.epa.gov) is up-to-date, however, since it contains the statement:

**"Based on these criteria, and pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA prepares a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. The list, which is appendix B of 40 CFR part 300, is the NPL. An original NPL of 406 sites was promulgated on September 8, 1983 (48 FR 40658). The NPL has been expanded since then, most recently on February 11, 1991 (56 FR 5598). The Agency also has proposed adding new sites to the NPL, most recently on July 29, 1991 (56 FR 35840)."**

Please see the following page (attached) on the United States Government Printing Office ("GPO" "Keeping America Informed"):

<http://www.gpo.gov/fdsys/granule/CFR-2011-title40-vol28/CFR-2011-title40-vol28-part300-appB/content-detail.html>

The attached document states:

**"This rule adds 5 new sites to the NPL, 3 to the General Superfund section and 2 to the Federal Facilities section. The NPL is intended primarily to guide the Environmental Protection Agency ("EPA" or "the Agency") in determining which sites warrant further investigation to assess the nature and extent of public health and environmental risks associated with the site and to determine what CERCLA- financed remedial action(s), if any, may be appropriate.**

**"EFFECTIVE DATE: The effective date for this amendment to the NCP shall be May 1, 1997."**

The attached document presents a newer version of **"appendix B of 40 CFR part 300, (which) is the NPL,"** contrary to the statement quoted above (**"The NPL has been expanded since then, most recently on February 11, 1991 (56 FR 5598)"**).

This is yet another example of bad information being supplied to the public by EPA through [epa.gov](http://www.epa.gov), a matter I have complained of with evidence in previous communications with EPA management.

The link you sent me refers to 40 CFR Part 300 [FRL-4012-2] which states in part:

**"EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment. Under Section 300.425(e) of the National Contingency Plan (55 FR 8845, March 8, 1990), a site may be deleted where no further response is appropriate if EPA determines that one of the following criteria has been met:**



**"• EPA, in conjunction with the State, has determined that responsible or other parties have implemented all appropriate response action required.**

**"• EPA, in consultation with the State, has determined that all appropriate Superfund-financed responses under CERCLA have been implemented and that no further response by responsible parties is appropriate.**

**"• A Remedial Investigation/Feasibility Study has shown that the release poses no significant threat to public health or the environment and, therefore, remedial measures are not appropriate."**

Therefore, the burning question to EPA that has been pending for too long is:

What, if any, **"further response is required to protect human health or the environment"** at Arkwood?

If the answer is "none," as I believe it has been for the past eighteen years since Arkwood achieved the "Construction Completion" milestone, then the only criterion remaining to be met before Arkwood can be considered for full deletion if **ONE** (not all) of the previously-quoted additional criteria is met.

The link you sent me directs to a page with has the following sub-parts:

**"PA/SI**

**"NPL Listing**

**"RI/FS (Scoping, Site Characterization, Development and Screening of Alternatives, Treatability Investigations, Detailed Analysis)**

**"ROD**

**"RD/RA**

**"Construction Completion**

**"Post Construction Completion**

**"NPL Delete**

**"Reuse"**

By clicking on "Construction Completion" from the page you sent me, I find a page that states in part:

**"EPA has developed the construction completion milestone to better communicate the successful completion of cleanup activities. Sites qualify when:**

**"• any necessary physical construction is complete, whether or not final cleanup levels or other requirements have been achieved; or**

**"• EPA has determined that the response action should be limited to measures that do not involve construction; or**

**"• the site qualifies for Deletion from the NPL.**

**"Guidance on achieving the construction completion milestone is available in the "Close Out Procedures for National Priorities List Sites" guidance."**

The **"Close Out Procedures for National Priorities List Sites"** (OSWER Directive 9320.2-22 May 2011,) which is linked from the site you directed me to and which I had previously cited and provided to you and others at EPA several times, including as part of the Agenda for the meeting of 5 September 2013, states in part:

**"3.0 Construction Completion**

### "3.1 Introduction

**"In the first ten years of the Superfund program, outside audiences often measured Superfund's progress in cleaning up sites by the number of sites deleted from the NPL. This measure, however, did not and still does not fully recognize the substantial construction work and reduction of risk to human health and the environment that has occurred at NPL sites not yet eligible for deletion.**

**"In response, the NCP Preamble Federal Register notice (55 FR 8699, March 8, 1990) established a 'construction completion' category of NPL sites to more clearly communicate to the public the status of cleanup progress among sites on the NPL. In a subsequent Federal Register notice (58 FR 12142, March 2, 1993) EPA formally introduced construction completions '... to simplify its system of categorizing sites and to better communicate the successful completion of cleanup activities.'**

**"For purposes of this guidance, a construction completion site is a CERCLA site where physical construction of all cleanup actions is complete, including actions to address all immediate threats and to bring all long-term threats under control. Only sites that are final on the NPL or deleted from the NPL may qualify for construction completion."**

### "3.2 Construction Completion Process

**"Construction completion is a site-wide measure; therefore completion of the last response action at a site generally determines when a site becomes eligible. This section discusses the typical construction completion process for sites addressed under CERCLA remedial authority, which is the most common approach to cleanup of sites on the NPL. At these sites, the milestone is normally achieved when a pre-final inspection for the last RA has been conducted and a Preliminary Close Out Report (PCOR) has been signed."**

Arkwood achieved the "Construction Completion" milestone on December 13, 1995, nearly eighteen (18) years ago.

Given the above, please confirm the following with regard to Arkwood Superfund Site:

- 1) **"successful completion of cleanup activities"**
- 2) **"completion of the last response action (which) at a site generally determines when a site becomes eligible"**
- 3) **"a pre-final inspection for the last RA has been conducted"**
- 4) **"and a Preliminary Close Out Report (PCOR) has been signed"**

If elements 1-4 above are not in place, *why not*, given the clear guidance provided by "Close Out Procedures for National Priorities List Sites" (OSWER Directive 9320.2-22 May 2011)?

I do not believe EPA Region 6 has diligently or even minimally followed this guidance in any part of the Arkwood debacle, from before Preliminary Assessment phase through and including the Construction Completion milestone and continuing with the neglect of the Preliminary Close Out Report (PCOR).

The following is quoted from the EPA "THIRD FIVE-YEAR REVIEW Arkwood, Inc. ARD084930148 Boone County, Arkansas" dated July 2011.

### **"EXECUTIVE SUMMARY**

**"This is the third Five-Year Review for the Arkwood, Inc., site located in Boone County in Omaha, Arkansas. The results of this Five-Year Review indicate that the remedy is protective of human health and the environment. Soil remediation was completed in 1995 followed by placement of a topsoil cap and seeding. The vegetation is in good condition. The ground water treatment system, located immediately downgradient of the mouth of New Cricket Spring, is functioning as designed and is meeting treatment goals. Therefore, the remedy that was implemented for soil and ground water at the site continues to be protective of human health and the environment."**

#### **"X. Protectiveness Statements**

**"The remedies that were implemented for soil and ground water at the Arkwood, Inc. Site continue to be protective of human health and the environment. Since the remedies for soil and ground water are protective of human health and the environment, the remedy for the Site is protective of human health and the environment."**

Please note the following *recent* EPA documents also attached for your reference:

- 1) 2003 EPA "ROD of the Year" (found at <http://www.epa.gov/superfund/accomp/awards/rods/index.htm>; link on this page to 2004 winner leads to "Region 6 404 Error Page" page on [epa.gov](http://www.epa.gov); use 2003 winner to compare with the poor quality of Arkwood's ROD);
- 2) "Environmentally Responsible, Redevelopment & Reuse ("ER3") Frequently Asked Questions and Answers" (Office of Enforcement and Compliance Assurance Office of Site Remediation Enforcement, December 2005)
- 3) "Quick Reaction Report: EPA Must Take Steps to Implement Requirements of Its Scientific Integrity Policy" (USEPA Office of Inspector General, Report No. 13-P-0364, August 28, 2013)
- 4) "Plan EJ 2014" (September 2011, Office of Environmental Justice U.S. Environmental Protection Agency)

I ask that you, Region 6, and every person on the CC list of this email be responsible for and implement these documents.

Charles Curtis Grisham, Jr.

## ENVIRONMENTAL PROTECTION AGENCY

### 40 CFR Part 300

[FRL-5805-2]

### National Priorities List for Uncontrolled Hazardous Waste Sites

**AGENCY:** Environmental Protection Agency.

**ACTION:** Final rule.

**SUMMARY:** The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 ("CERCLA" or "the Act"), as amended, requires that the National Oil and Hazardous Substances Pollution Contingency Plan ("NCP") include a list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. The National Priorities List ("NPL") constitutes this list.

This rule adds 5 new sites to the NPL, 3 to the General Superfund section and 2 to the Federal Facilities section. The NPL is intended primarily to guide the Environmental Protection Agency ("EPA" or "the Agency") in determining which sites warrant further investigation to assess the nature and extent of public health and environmental risks associated with the site and to determine what CERCLA-financed remedial action(s), if any, may be appropriate.

**EFFECTIVE DATE:** The effective date for this amendment to the NCP shall be May 1, 1997.

**ADDRESSES:** For addresses for the Headquarters and Regional dockets, as well as further details on what these dockets contain, see "Information Available to the Public" in Section I of the **SUPPLEMENTARY INFORMATION** portion of this preamble.

#### FOR FURTHER INFORMATION CONTACT:

Terry Keidan, State and Site Identification Center, Office of Emergency and Remedial Response (mail code 5204G), U.S. Environmental Protection Agency, 401 M Street, SW., Washington, DC 20460, or the Superfund Hotline, phone (800) 424-9346 or (703) 412-9810 in the Washington, DC, metropolitan area.

#### SUPPLEMENTARY INFORMATION:

- I. Introduction
- II. Contents of This Final Rule
- III. Executive Order 12866
- IV. Unfunded Mandates
- V. Effects on Small Businesses
- VI. Possible Changes to the Effective Date of the Rule

## I. Introduction

### Background

In 1980, Congress enacted the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. 9601-9675 "CERCLA" or "the Act"), in response to the dangers of uncontrolled hazardous waste sites. CERCLA was amended on October 17, 1986, by the Superfund Amendments and Reauthorization Act ("SARA"), Public Law No. 99-499, 100 Stat. 1613 *et seq.* To implement CERCLA, EPA promulgated the revised National Oil and Hazardous Substances Pollution Contingency Plan ("NCP"), 40 CFR Part 300, on July 16, 1982 (47 FR 31180), pursuant to CERCLA section 105 and Executive Order 12316 (46 FR 42237, August 20, 1981). The NCP sets forth the guidelines and procedures needed to respond under CERCLA to releases and threatened releases of hazardous substances, pollutants, or contaminants. EPA has revised the NCP on several occasions. The most recent comprehensive revision was on March 8, 1990 (55 FR 8666).

Section 105(a)(8)(A) of CERCLA requires that the NCP include "criteria for determining priorities among releases or threatened releases throughout the United States for the purpose of taking remedial action and, to the extent practicable taking into account the potential urgency of such action, for the purpose of taking removal action." "Removal" actions are defined broadly and include a wide range of actions taken to study, clean up, prevent or otherwise address releases and threatened releases. 42 U.S.C. 9601(23). "Remedial action[s]" are those "consistent with permanent remedy, taken instead of or in addition to removal actions \* \* \*." 42 U.S.C. 9601(24).

Pursuant to section 105(a)(8)(B) of CERCLA, as amended by SARA, EPA has promulgated a list of national priorities among the known or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States. That list, which is Appendix B of 40 CFR Part 300, is the National Priorities List ("NPL").

CERCLA section 105(a)(8)(B) defines the NPL as a list of "releases" and as a list of the highest priority "facilities." CERCLA section 105(a)(8)(B) also requires that the NPL be revised at least annually. A site may undergo remedial action financed by the Trust Fund established under CERCLA (commonly referred to as the "Superfund") only after it is placed on the NPL, as provided in the NCP at 40 CFR

300.425(b)(1). However, under 40 CFR 300.425(b)(2) placing a site on the NPL "does not imply that monies will be expended." EPA may pursue other appropriate authorities to remedy the releases, including enforcement action under CERCLA and other laws.

The purpose of the NPL is merely to identify releases that are priorities for further evaluation. Although a CERCLA "facility" is broadly defined to include any area where a hazardous substance release has "come to be located" (CERCLA section 101(9)), the listing process itself is not intended to define or reflect the boundaries of such facilities or releases.

Further, the NPL is only of limited significance, as it does not assign liability to any party or to the owner of any specific property. See Report of the Senate Committee on Environment and Public Works, Senate Rep. No. 96-848, 96th Cong., 2d Sess. 60 (1980), 48 FR 40659 (September 8, 1983). If a party does not believe it is liable for releases on discrete parcels of property, supporting information can be submitted to the Agency at any time after a party receives notice it is a potentially responsible party.

Three mechanisms for placing sites on the NPL for possible remedial action are included in the NCP at 40 CFR 300.425(c). Under 40 CFR 300.425(c)(1), a site may be included on the NPL if it scores sufficiently high on the Hazard Ranking System ("HRS"), which EPA promulgated as Appendix A of 40 CFR Part 300. On December 14, 1990 (55 FR 51532), EPA promulgated revisions to the HRS partly in response to CERCLA section 105(c), added by SARA. The revised HRS evaluates four pathways: ground water, surface water, soil exposure, and air. The HRS serves as a screening device to evaluate the relative potential of uncontrolled hazardous substances to pose a threat to human health or the environment. As a matter of Agency policy, those sites that score 28.50 or greater on the HRS are eligible for the NPL.

Under a second mechanism for adding sites to the NPL, each State may designate a single site as its top priority, regardless of the HRS score. This mechanism, provided by the NCP at 40 CFR 300.425(c)(2) and 105(a)(8)(B) requires that, to the extent practicable, the NPL include within the 100 highest priorities, one facility designated by each State representing the greatest danger to public health, welfare, or the environment among known facilities in the State.

The third mechanism for listing, included in the NCP at 40 CFR 300.425(c)(3), allows certain sites to be



listed regardless of their HRS score, if all of the following conditions are met:

- The Agency for Toxic Substances and Disease Registry (ATSDR) of the U.S. Public Health Service has issued a health advisory that recommends dissociation of individuals from the release.
- EPA determines that the release poses a significant threat to public health.
- EPA anticipates that it will be more cost-effective to use its remedial authority than to use its removal authority to respond to the release.

EPA promulgated an original NPL of 406 sites on September 8, 1983 (48 FR 40658). The NPL has been expanded since then, most recently on December 23, 1996 (61 FR 67656).

The NPL includes two sections, one of sites that are evaluated and cleaned up by EPA (the "General Superfund Section"), and one of sites being addressed generally by other Federal agencies (the "Federal Facilities Section"). Under Executive Order 12580 (52 FR 2923, January 29, 1987) and CERCLA section 120, each Federal agency is responsible for carrying out most response actions at facilities under its own jurisdiction, custody, or control, although EPA is responsible for preparing an HRS score and determining whether the facility is placed on the NPL. EPA generally is not the lead agency at these sites, and its role at such sites is accordingly less extensive than at other sites. The Federal Facilities Section includes facilities at which EPA is not the lead agency.

#### *Site Boundaries*

The NPL does not describe releases in precise geographical terms; it would be neither feasible nor consistent with the limited purpose of the NPL (as the mere identification of releases) for it to do so.

CERCLA section 105(a)(8)(B) mandates listing of national priorities among the known "releases or threatened releases." Thus, the purpose of the NPL is merely to identify releases that are priorities for further evaluation. Although a CERCLA "facility" is broadly defined to include any area where a hazardous substance release has "come to be located" (CERCLA section 101(9)), the listing process itself is not intended to define or reflect the boundaries of such facilities or releases. Of course, HRS data upon which the NPL placement was based will, to some extent, describe which release is at issue. That is, the NPL site would include all releases evaluated as part of that HRS analysis.

When a site is listed, it is necessary to define the release (or releases) encompassed by the listing. The

approach generally used is to delineate a geographical area (usually the area within the installation or plant boundaries) and identify the site by reference to that area. As a legal matter, the site is not coextensive with that area, and the boundaries of the installation or plant are not the "boundaries" of the site. Rather, the site consists of all contaminated areas within the area used to identify the site, and any other location to which contamination from that area has come to be located or from which that contamination came.

In other words, while geographic terms are often used to designate the site (e.g., the "Jones Co. plant site") in terms of the property owned by a particular party, the site properly understood is not limited to that property (e.g., it may extend beyond the property due to contaminant migration), and conversely may not occupy the full extent of the property (e.g., where there are uncontaminated parts of the identified property, they may not be, strictly speaking, part of the "site"). The "site" is thus neither equal to nor confined by the boundaries of any specific property that may give the site its name, and the name itself should not be read to imply that this site is coextensive with the entire area within the property boundary of the installation or plant. The precise nature and extent of the site are typically not known at the time of listing. Also, the site name is merely used to help identify the geographic location of the contamination. For example, the "Jones Co. plant site" does not imply that the Jones Company is responsible for the contamination located on the plant site.

EPA regulations provide that the "nature and extent of the threat presented by a release" will be determined by a Remedial Investigation/Feasibility Study (RI/FS) as more information is developed on site contamination (40 CFR 300.430(d)). During the RI/FS process, the release may be found to be larger or smaller than was originally thought, as more is learned about the source(s) and the migration of the contamination. However, this inquiry focuses on an evaluation of the threat posed; the boundaries of the release need not be exactly defined. Moreover, it generally is impossible to discover the full extent of where the contamination "has come to be located" before all necessary studies and remedial work are completed at a site. Indeed, the boundaries of the contamination can be expected to change over time. Thus, in most cases, it may be impossible to

describe the boundaries of a release with absolute certainty.

For these reasons, the NPL need not be amended as further research reveals more information about the location of the contamination or release.

#### *Deletions/Cleanups*

EPA may delete sites from the NPL where no further response is appropriate under Superfund, as explained in the NCP at 40 CFR 300.425(e). To date, the Agency has deleted 141 sites from the NPL.

On November 1, 1995, EPA announced a new policy to delete portions of NPL sites where cleanup is complete (60 FR 55465). Total site cleanup may take many years, while portions of the site may have been cleaned up and be available for productive use. As of April 1997, EPA has partially deleted 4 sites from the NPL.

EPA also has developed an NPL construction completion list ("CCL") to simplify its system of categorizing sites and to better communicate the successful completion of cleanup activities (58 FR 12142, March 2, 1993). Sites qualify for the CCL when:

(1) any necessary physical construction is complete, whether or not final cleanup levels or other requirements have been achieved;

(2) EPA has determined that the response action should be limited to measures that do not involve construction (e.g., institutional controls); or

(3) the site qualifies for deletion from the NPL. Inclusion of a site on the CCL has no legal significance.

In addition to the 132 sites that have been deleted from the NPL because they have been cleaned up (7 sites have been deleted based on deferral to other authorities and are not considered cleaned up), an additional 291 sites are also in the NPL CCL. Thus, as of April 1997, the CCL consists of 423 sites.

#### *Action in This Document*

This final rule adds 5 sites to the NPL, 3 to the General Superfund section and 2 to the Federal Facilities section. All of these sites are added to the NPL based on an HRS score of 28.5 or greater. This action results in an NPL of 1,206 sites, 1,055 in the General Superfund section and 151 in the Federal Facilities section. With the action of a proposed rule published elsewhere in today's **Federal Register**, a total of 49 sites are proposed and are awaiting final agency action, 43 in the General Superfund Section and 6 in the Federal Facilities Section. Final and proposed sites now total 1,255.

*Information Available to the Public*

The Headquarters and Regional public dockets for the NPL contain documents relating to the evaluation and scoring of the sites in this final rule. The dockets are available for viewing, by appointment only, after the appearance of this notice. The hours of operation for the Headquarters docket are from 9:00 a.m. to 4:00 p.m., Monday through Friday, excluding Federal holidays. Please contact the Regional Docket for hours.

Addresses and phone numbers for the Headquarters and Regional dockets follow.

Docket Coordinator, Headquarters, U.S. EPA CERCLA Docket Office, Crystal Gateway #1, 1st Floor, 1235 Jefferson Davis Highway, Arlington, VA, 703/603-8917 (Please note this is a viewing address only. Do not mail documents to this address.)

Jim Kyed, Region 1, U.S. EPA Waste Management Records Center, HRC-CAN-7, J.F. Kennedy Federal Building, Boston, MA 02203-2211, 617/573-9656

Ben Conetta, Region 2, U.S. EPA, 290 Broadway, New York, NY 10007-1866, 212/637-4435

Diane McCreary, Region 3, U.S. EPA Library, 3rd Floor, 841 Chestnut Building, 9th & Chestnut Streets, Philadelphia, PA 19107, 215/566-5250

Kathy Piselli, Region 4, U.S. EPA, 100 Alabama Street, SW., Atlanta, GA 30303, 404/562-8190

Cathy Freeman, Region 5, U.S. EPA, Records Center, Waste Management Division 7-J, Metcalfe Federal Building, 77 West Jackson Boulevard, Chicago, IL 60604, 312/886-6214

Bart Canellas, Region 6, U.S. EPA, 1445 Ross Avenue, Mail Code 6H-MA, Dallas, TX 75202-2733, 214/655-6740

Carole Long, Region 7, U.S. EPA, 726 Minnesota Avenue, Kansas City, KS 66101, 913/551-7224

Pat Smith, Region 8, U.S. EPA, 999 18th Street, Suite 500, Denver, CO 80202-2466, 303/312-6082

Carolyn Douglas, Region 9, U.S. EPA, 75 Hawthorne Street, San Francisco, CA 94105, 415/744-2343

David Bennett, Region 10, U.S. EPA, 11th Floor, 1200 6th Avenue, Mail Stop HW-114, Seattle, WA 98101, 206/553-2103

The Headquarters docket for this rule contains HRS score sheets for the final sites, Documentation Records for the sites describing the information used to compute the scores, pertinent information regarding statutory requirements or EPA listing policies that affect the sites, and a list of documents referenced in each of the Documentation Records. The Headquarters docket also contains comments received, and the Agency's responses to those comments. The Agency's responses are contained in the "Support Document for the Revised National Priorities List Final Rule—April 1997."

A general discussion of the statutory requirements affecting NPL listing, the purpose and implementation of the NPL, the economic impacts of NPL listing, and the analysis required under the Regulatory Flexibility Act is included as part of the Headquarters rulemaking docket in the "Additional Information" document.

The Regional docket contains all the information in the Headquarters docket, plus the actual reference documents containing the data principally relied upon by EPA in calculating or evaluating the HRS score for the sites. These reference documents are available only in the Regional dockets.

Interested parties may view documents, by appointment only, in the Headquarters or Regional Dockets, or

copies may be requested from the Headquarters or Regional Dockets. An informal request, rather than a formal written request under the Freedom of Information Act, should be the ordinary procedure for obtaining copies of any of these documents. If you wish to obtain documents from EPA Headquarters Docket, the address and phone number are as follows:

Docket Coordinator, Headquarters, U.S. EPA CERCLA Docket Office (Mail Code 5201G), 401 M Street, SW., Washington, DC 20460, 703/603-8917, SUPERFU-ND.DOCKET@EPAMAIL.EPA.GOV

*Submission to Congress and the General Accounting Office*

Under 5 U.S.C. 801(a)(1)(A) added by the Small Business Regulatory Enforcement Act of 1996, EPA submitted a report containing this rule and other required information to the U.S. Senate, the U.S. House of Representatives and the Comptroller General of the General Accounting Office prior to publication of the rule in today's **Federal Register**. This rule is not a "major rule" as defined by 5 U.S.C. 804(2).

**II. Contents of This Final Rule**

This document promulgates final rules to add 5 sites to the NPL, 3 to the General Superfund section (Table 1) and 2 to the Federal Facilities section (Table 2). The following table presents the sites in this rule arranged alphabetically by State and identifies their rank by group number. Group numbers are determined by arranging the NPL by rank and dividing it into groups of 50 sites. For example, a site in Group 4 has a score that falls within the range of scores covered by the fourth group of 50 sites on the NPL.

**NATIONAL PRIORITIES LIST FINAL RULE—GENERAL SUPERFUND SECTION**

State	Site name	City/County	Group
GA .....	Brunswick Wood Preserving .....	Brunswick .....	3
TN .....	Ross Metals Inc. ....	Rossville .....	15
WA .....	Palermo Well Field Ground Water Contamination.	Tumwater .....	5/6

AAANumber of Sites Listed: 3.

**NATIONAL PRIORITIES LIST FINAL RULE—FEDERAL SECTION**

State	Site name	City/County	Group
FL .....	Tyndall Air Force Base .....	Panama City .....	5/6
VA .....	Norfolk Naval Base (Sewells Point Naval Complex).	Norfolk .....	5/6

ANumber of Sites Listed: 2.



#### *Tennessee Products Site*

The Tennessee Products site located in Chattanooga, Tennessee was placed on the NPL on September 29, 1995 (60 FR 50435). On November 12, 1996, the U.S. Court of Appeals for the District of Columbia Circuit vacated the inclusion of the Coke Plant Site within the Tennessee Products NPL listing.

#### *Horseshoe Road Site*

EPA has removed the Atlantic Resources Corporation (ARC) area from the Horseshoe Road site. The Horseshoe Road site in Sayreville, New Jersey was placed on the NPL on September 29, 1995 (60 FR 50435). EPA believes this change more accurately reflects the site. EPA has addressed all comments received regarding the ARC area. Therefore, additional notice and comment procedures are unnecessary. Removal of the ARC area does not preclude EPA from taking future action in that area if further evaluation reveals the presence of contamination.

#### *Public Comments*

EPA reviewed all comments received on sites included in this notice. Based on comments received on the proposed sites, as well as investigation by EPA and the States (generally in response to comment), EPA recalculated the HRS scores for individual sites where appropriate. EPA's response to site-specific public comments and explanations of any score changes made as a result of such comments are addressed in the "Support Document for the Revised National Priorities List Final Rule—April 1997."

### **III. Executive Order 12866**

The Office of Management and Budget (OMB) has exempted this regulatory action from Executive Order 12866 review.

### **IV. Unfunded Mandates**

Title II of the Unfunded Mandates Reform Act of 1995 (UMRA), P.L. 104-4, establishes requirements for Federal agencies to assess the effects of their regulatory actions on State, local, and tribal governments and the private sector. Under section 202 of the UMRA, EPA generally must prepare a written statement, including a cost-benefit analysis, for proposed and final rules with "Federal mandates" that may result in expenditures to State, local, and tribal governments, in the aggregate, or to the private sector, of \$100 million or more in any one year. When a written statement is needed for an EPA rule, section 205 of the UMRA generally requires EPA to identify and consider a reasonable number of regulatory

alternatives and adopt the least costly, most cost-effective or least burdensome alternative that achieves the objectives of the rule. The provisions of section 205 do not apply when they are inconsistent with applicable law. Moreover, section 205 allows EPA to adopt an alternative other than the least costly, most cost-effective or least burdensome alternative if the Administrator publishes with the final rule an explanation why that alternative was not adopted. Before EPA establishes any regulatory requirements that may significantly or uniquely affect small governments, including tribal governments, it must have developed under section 203 of the UMRA a small government agency plan. The plan must provide for notifying potentially affected small governments, giving them meaningful and timely input in the development of EPA regulatory proposals with significant Federal intergovernmental mandates, and informing, educating, and advising them on compliance with the regulatory requirements.

Today's rule contains no Federal mandates (within the meaning of Title II of the UMRA) for State, local, or tribal governments or the private sector. Nor does it contain any regulatory requirements that might significantly or uniquely affect small governments. This is because today's listing decision does not impose any enforceable duties upon any of these governmental entities or the private sector. Inclusion of a site on the NPL does not itself impose any costs. It does not establish that EPA necessarily will undertake remedial action, nor does it require any action by a private party or determine its liability for site response costs. Costs that arise out of site responses result from site-by-site decisions about what actions to take, not directly from the act of listing itself. Therefore, today's rulemaking is not subject to the requirements of sections 202, 203 or 205 of the Unfunded Mandates Act.

### **V. Effects on Small Businesses**

The Regulatory Flexibility Act of 1980 requires EPA to review the impacts of this action on small entities, or certify that the action will not have a significant impact on a substantial number of small entities. By small entities, the Act refers to small businesses, small government jurisdictions, and nonprofit organizations.

While this rule revises the NPL, an NPL revision is not a typical regulatory change since it does not automatically impose costs. As stated above, adding sites to the NPL does not in itself

require any action by any party, nor does it determine the liability of any party for the cost of cleanup at the site. Further, no identifiable groups are affected as a whole. As a consequence, impacts on any group are hard to predict. A site's inclusion on the NPL could increase the likelihood of adverse impacts on responsible parties (in the form of cleanup costs), but at this time EPA cannot identify the potentially affected businesses or estimate the number of small businesses that might also be affected.

The Agency does expect that placing the sites in this rule on the NPL could significantly affect certain industries, or firms within industries, that have caused a proportionately high percentage of waste site problems. However, EPA does not expect the listing of these sites to have a significant economic impact on a substantial number of small businesses.

In any case, economic impacts would occur only through enforcement and cost-recovery actions, which EPA takes at its discretion on a site-by-site basis. EPA considers many factors when determining enforcement actions, including not only a firm's contribution to the problem, but also its ability to pay. The impacts (from cost recovery) on small governments and nonprofit organizations would be determined on a similar case-by-case basis.

For the foregoing reasons, I hereby certify that this rule will not have a significant economic impact on a substantial number of small entities. Therefore, this regulation does not require a regulatory flexibility analysis.

### **VI. Possible Changes to the Effective Date of the Rule**

Provisions of the Administrative Procedure Act (APA) or section 305 of CERCLA may alter the effective date of this regulation.

Under the APA, 5 U.S.C. 801(a), before a rule can take effect the federal agency promulgating the rule must submit a report to each House of the Congress and to the Comptroller General. This report must contain a copy of the rule, a concise general statement relating to the rule (including whether it is a major rule), a copy of the cost-benefit analysis of the rule (if any), the agency's actions relevant to provisions of the Regulatory Flexibility Act (affecting small businesses) and the Unfunded Mandates Reform Act of 1995 (describing unfunded federal requirements imposed on state and local governments and the private sector), and any other relevant information or requirements under any other Act and any relevant Executive Orders.

Section 5 U.S.C. 801(a)(3) provides for a delay in the effective date of major rules after this report is submitted. Section 5 U.S.C. 801(a)(4) provides that all other rules shall take effect after submission to Congress, as otherwise provided by law.

EPA has submitted a report under the APA for this rule. The rule will take effect, as provided by law, within 30 days of publication of this document, since it is not a major rule. Section 5 U.S.C. 804(2) defines a major rule as any rule that the Administrator of the Office of Information and Regulatory Affairs (OIRA) of the Office of Management and Budget (OMB) finds has resulted in or is likely to result in an annual effect on the economy of \$100,000,000 or more; a major increase in costs or prices for consumers, individual industries, Federal, State, or local government agencies, or geographic regions; or significant adverse effects on competition, employment, investment, productivity, innovation, or on the ability of United States-based enterprises to compete with foreign-based enterprises in domestic and export markets. NPL listing is not a

major rule because, as explained above, the listing, itself, imposes no monetary costs on any person. It establishes no enforceable duties, does not establish that EPA necessarily will undertake remedial action, nor does it require any action by any party or determine its liability for site response costs. Costs that arise out of site responses result from site-by-site decisions about what actions to take, not directly from the act of listing itself.

However, under 5 U.S.C. 801(b)(1) a rule shall not take effect, or continue in effect, if Congress enacts (and the President signs) a joint resolution of disapproval, described under section 5 U.S.C. 802.

Another statutory provision that may affect this rule is CERCLA section 305, which provides for a legislative veto of regulations promulgated under CERCLA. Although *INS v. Chadha*, 462 U.S. 919, 103 S. Ct. 2764 (1983) cast the validity of the legislative veto into question, EPA has transmitted a copy of this regulation to the Secretary of the Senate and the Clerk of the House of Representatives.

If action by Congress under either the APA or CERCLA section 305 calls the

effective date of this regulation into question, EPA will publish a clarification in the **Federal Register**.

#### List of Subjects in 40 CFR Part 300

Air pollution control, Chemicals, Environmental protection, Hazardous materials, Intergovernmental relations, Natural resources, Oil pollution, Reporting and recordkeeping requirements, Superfund, Waste treatment and disposal, Water pollution control, Water supply.

Dated: March 25, 1997.

**Timothy Fields, Jr.,**

*Acting Assistant Administrator, Office of Solid Waste and Emergency Response.*

40 CFR part 300 is amended as follows:

#### PART 300—[AMENDED]

1. The authority citation for part 300 continues to read as follows:

**Authority:** 33 U.S.C. 1321(c)(2); 42 U.S.C. 9601–9657; E.O. 12777, 56 FR 54757, 3 CFR, 1991 Comp., p. 351; E.O. 12580, 52 FR 2923, 3 CFR, 1987 Comp., p. 193.

2. Appendix B to Part 300 is revised to read as set forth below:

#### Appendix B to Part 300

TABLE 1.—GENERAL SUPERFUND SECTION

State	Site name	City/County	Notes(a)
AK	Arctic Surplus	Fairbanks.	
AL	Ciba-Geigy Corp. (McIntosh Plant)	McIntosh.	
AL	Interstate Lead Co. (ILCO)	Leeds.	
AL	Olin Corp. (McIntosh Plant)	McIntosh.	
AL	Perdido Ground Water Contamination	Perdido	C
AL	Redwing Carriers, Inc. (Saraland)	Saraland.	
AL	Stauffer Chemical Co. (Cold Creek Plant)	Bucks.	
AL	Stauffer Chemical Co. (LeMoyne Plant)	Axis.	
AL	T.H. Agriculture & Nutrition (Montgomery)	Montgomery.	
AL	Triana/Tennessee River	Limestone/Morgan	C
AR	Arkwood, Inc	Omaha	C
AR	Frit Industries	Walnut Ridge.	
AR	Gurley Pit	Edmondson	C
AR	Industrial Waste Control	Fort Smith	C
AR	Jacksonville Municipal Landfill	Jacksonville	C
AR	Mid-South Wood Products	Mena	C
AR	Midland Products	Ola/Birta	C
AR	Monroe Auto Equipment (Paragould Pit)	Paragould.	
AR	Popile, Inc	El Dorado.	
AR	Rogers Road Municipal Landfill	Jacksonville	C
AR	South 8th Street Landfill	West Memphis.	
AR	Vertac, Inc.	Jacksonville.	
AZ	Apache Powder Co.	St. David.	
AZ	Hassayampa Landfill	Hassayampa.	
AZ	Indian Bend Wash Area	Scottsdale/Tempe/Phoenix.	
AZ	Litchfield Airport Area	Goodyear/Avondale.	
AZ	Motorola, Inc. (52nd Street Plant)	Phoenix.	
AZ	Nineteenth Avenue Landfill	Phoenix.	
AZ	Tucson International Airport Area	Tucson.	
CA	Advanced Micro Devices, Inc	Sunnyvale	C
CA	Advanced Micro Devices, Inc. (Bldg. 915)	Sunnyvale	C
CA	Aerojet General Corp	Rancho Cordova.	
CA	Applied Materials	Santa Clara	C
CA	Atlas Asbestos Mine	Fresno County.	
CA	Beckman Instruments (Porterville Plant)	Porterville	C



TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/Coun y	Notes(a)
CA	Brown & Bryant, Inc (Arvin Plant)	Arvin.	
CA	CTS Printex, Inc.	Mountain View	C
CA	Celtor Chemical Works	Hoopa	C
CA	Coalinga Asbestos Mine	Coalinga	C
CA	Coast Wood Preserving	Ukiah.	
CA	Crazy Horse Sanitary Landfill	Salinas.	
CA	Del Norte Pesticide Storage	Crescent City	C
CA	Fairchild Semiconductor Corp. (Mt View)	Mountain View.	
CA	Fairchild Semiconductor Corp. (S San Jose)	South San Jose	C
CA	Firestone Tire & Rubber Co. (Salinas Plant)	Salinas	C
CA	Fresno Municipal Sanitary Landfill	Fresno.	
CA	Frontier Fertilizer	Davis.	
CA	Hewlett-Packard (620–640 Page Mill Road)	Palo Alto.	
CA	Industrial Waste Processing	Fresno.	
CA	Intel Corp. (Mountain View Plant)	Mountain View.	
CA	Intel Corp. (Santa Clara III)	Santa Clara	C
CA	Intel Magnetics	Santa Clara	C
CA	Intersil Inc./Siemens Components	Cupertino	C
CA	Iron Mountain Mine	Redding.	
CA	J.H. Baxter & Co	Weed.	
CA	Jasco Chemical Corp	Mountain View.	
CA	Koppers Co., Inc. (Oroville Plant)	Oroville.	
CA	Lorentz Barrel & Drum Co	San Jose.	
CA	MGM Brakes	Cloverdale	C
CA	McColl	Fullerton.	
CA	McCormick & Baxter Creosoting Co	Stockton.	
CA	Modesto Ground Water Contamination	Modesto.	
CA	Monolithic Memories	Sunnyvale	C
CA	Montrose Chemical Corp	Torrance.	
CA	National Semiconductor Corp	Santa Clara.	
CA	Newmark Ground Water Contamination	San Bernardino.	
CA	Operating Industries, Inc., Landfill	Monterey Park.	
CA	Pacific Coast Pipe Lines	Fillmore	C
CA	Purity Oil Sales, Inc	Malaga.	
CA	Ralph Gray Trucking Co	Westminster.	
CA	Raytheon Corp	Mountain View.	
CA	San Fernando Valley (Area 1)	Los Angeles.	
CA	San Fernando Valley (Area 2)	Los Angeles/Glendale.	
CA	San Fernando Valley (Area 3)	Glendale.	
CA	San Fernando Valley (Area 4)	Los Angeles.	
CA	San Gabriel Valley (Area 1)	El Monte.	
CA	San Gabriel Valley (Area 2)	Baldwin Park Area.	
CA	San Gabriel Valley (Area 3)	Alhambra.	
CA	San Gabriel Valley (Area 4)	La Puente.	
CA	Selma Treating Co	Selma.	
CA	Sola Optical USA, Inc	Petaluma	C
CA	South Bay Asbestos Area	Alviso.	
CA	Southern California Edison Co. (Visalia)	Visalia.	
CA	Spectra-Physics, Inc	Mountain View	C
CA	Stringfellow	Glen Avon Heights	S
CA	Sulphur Bank Mercury Mine	Clear Lake.	
CA	Synertek, Inc. (Building 1)	Santa Clara	C
CA	T.H. Agriculture & Nutrition Co	Fresno.	
CA	TRW Microwave, Inc (Building 825)	Sunnyvale	C
CA	Teledyne Semiconductor	Mountain View	C
CA	United Heckathorn Co	Richmond.	
CA	Valley Wood Preserving, Inc	Turlock.	
CA	Waste Disposal, Inc	Santa Fe Springs.	
CA	Watkins-Johnson Co. (Stewart Division)	Scotts Valley	C
CA	Western Pacific Railroad Co	Oroville.	
CA	Westinghouse Electric Corp. (Sunnyvale)	Sunnyvale.	
CO	Broderick Wood Products	Denver	C
CO	California Gulch	Leadville.	
CO	Central City-Clear Creek	Idaho Springs.	
CO	Chemical Sales Co	Denver.	
CO	Denver Radium Site	Denver.	
CO	Eagle Mine	Minturn/Redcliff.	
CO	Lincoln Park	Canon City.	
CO	Lowry Landfill	Arapahoe County.	
CO	Marshall Landfill	Boulder County	C,S
CO	Smuggler Mountain	Pitkin County	C
CO	Summitville Mine	Rio Grande County.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
CO	Uravan Uranium Project (Union Carbide)	Uravan.	
CT	Barkhamsted-New Hartford Landfill	Barkhamsted.	
CT	Beacon Heights Landfill	Beacon Falls.	
CT	Cheshire Ground Water Contamination	Cheshire	C
CT	Durham Meadows	Durham.	
CT	Gallup's Quarry	Plainfield.	
CT	Kellogg-Deering Well Field	Norwalk	C
CT	Laurel Park, Inc	Naugatuck Borough	S
CT	Linemaster Switch Corp	Woodstock.	
CT	Nutmeg Valley Road	Wolcott.	
CT	Old Southington Landfill	Southington.	
CT	Precision Plating Corp	Vernon.	
CT	Raymark Industries, Inc	Stratford	A
CT	Solvents Recovery Service New England	Southington.	
CT	Yaworski Waste Lagoon	Canterbury.	
DE	Army Creek Landfill	New Castle County	C
DE	Chem-Solv, Inc	Cheswold.	
DE	Coker's Sanitation Service Landfills	Kent County	C
DE	Delaware City PVC Plant	Delaware City.	
DE	Delaware Sand & Gravel Landfill	New Castle County.	
DE	Dover Gas Light Co	Dover.	
DE	E.I.Du Pont de Nemours (Newport Landfill)	Newport.	
DE	Halby Chemical Co	New Castle.	
DE	Harvey & Knott Drum, Inc	Kirkwood	C
DE	Koppers Co., Inc. (Newport Plant)	Newport.	
DE	NCR Corp. (Millsboro Plant)	Millsboro	C
DE	Sealand Limited	Mount Pleasant	C
DE	Standard Chlorine of Delaware, Inc	Delaware City.	
DE	Sussex County Landfill No. 5	Laurel	C
DE	Tybouts Corner Landfill	New Castle County	C,S
DE	Tyler Refrigeration Pit	Smyrna	C
DE	Wildcat Landfill	Dover	C
FL	Agrico Chemical Co	Pensacola.	
FL	Airco Plating Co	Miami.	
FL	American Creosote Works (Pensacola Plt)	Pensacola.	
FL	Anaconda Aluminum Co./Milgo Electronics	Miami	C
FL	Anodyne, Inc	North Miami Beach.	
FL	B&B Chemical Co., Inc	Hialeah	C
FL	BMI-Textron	Lake Park	C
FL	Beulah Landfill	Pensacola	C
FL	Cabot/Koppers	Gainesville.	
FL	Chemform, Inc	Pompano Beach	C
FL	Chevron Chemical Co. (Ortho Division)	Orlando.	
FL	City Industries, Inc	Orlando	C
FL	Coleman-Evans Wood Preserving Co	Whitehouse.	
FL	Davie Landfill	Davie	C
FL	Dubose Oil Products Co	Cantonment	C
FL	Escambia Wood—Pensacola	Pensacola.	
FL	Florida Steel Corp	Indiantown.	
FL	Harris Corp. (Palm Bay Plant)	Palm Bay.	
FL	Helena Chemical Co. (Tampa Plant)	Tampa.	
FL	Hipps Road Landfill	Duval County	C
FL	Hollingsworth Solderless Terminal	Fort Lauderdale	C
FL	Kassauf-Kimerling Battery Disposal	Tampa.	
FL	MRI Corp (Tampa)	Tampa.	
FL	Madison County Sanitary Landfill	Madison	C
FL	Miami Drum Services	Miami	C
FL	Munisport Landfill	North Miami.	
FL	Peak Oil Co./Bay Drum Co	Tampa.	
FL	Pepper Steel & Alloys, Inc	Medley	C
FL	Petroleum Products Corp	Pembroke Park.	
FL	Pickettville Road Landfill	Jacksonville.	
FL	Piper Aircraft/Vero Beach Water & Sewer	Vero Beach.	
FL	Reeves Southeast Galvanizing Corp	Tampa.	
FL	Sapp Battery Salvage	Cottdale.	
FL	Schuykill Metals Corp	Plant City.	
FL	Sherwood Medical Industries	Deland.	
FL	Sixty-Second Street Dump	Tampa	C
FL	Standard Auto Bumper Corp	Hialeah	C
FL	Stauffer Chemical Co. (Tampa)	Tampa.	
FL	Stauffer Chemical Co. (Tarpon Springs)	Tarpon Springs.	
FL	Sydney Mine Sludge Ponds	Brandon.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/Courty	Notes(a)
FL	Taylor Road Landfill	Seffner.	
FL	Tower Chemical Co	Clermont.	
FL	Whitehouse Oil Pits	Whitehouse.	
FL	Wingate Road Municipal Incinerator Dump	Fort Lauderdale.	
FL	Yellow Water Road Dump	Baldwin	C
FL	Zellwood Ground Water Contamination	Zellwood.	
GA	Brunswick Wood Preserving	Brunswick.	
GA	Cedartown Industries, Inc	Cedartown.	
GA	Cedartown Municipal Landfill	Cedartown	C
GA	Diamond Shamrock Corp. Landfill	Cedartown	C
GA	Firestone Tire & Rubber Co. (Albany Plant)	Albany.	
GA	Hercules 009 Landfill	Brunswick.	
GA	LCP Chemicals Georgia	Brunswick	S
GA	Marzone Inc./Chevron Chemical Co	Tifton.	
GA	Mathis Brothers Landfill	Kensington.	
GA	Monsanto Corp. (Augusta Plant)	Augusta	C
GA	Powersville Site	Peach County	C
GA	T.H. Agriculture & Nutrition (Albany)	Albany.	
GA	Woolfolk Chemical Works, Inc	Fort Valley.	
GU	Ordot Landfill	Guam	C,S
HI	Del Monte Corp. (Oahu Plantation)	Honolulu County.	
IA	Des Moines TCE	Des Moines.	
IA	Electro-Coatings, Inc	Cedar Rapids.	
IA	Fairfield Coal Gasification Plant	Fairfield	C
IA	Farmers' Mutual Cooperative	Hospers.	
IA	John Deere (Ottumwa Works Landfills)	Ottumwa	C
IA	Lawrence Todtz Farm	Camanche	C
IA	Mason City Coal Gasification Plant	Mason City.	
IA	Mid-America Tanning Co	Sergeant Bluff.	
IA	Midwest Manufacturing/North Farm	Kellogg	C
IA	Peoples Natural Gas Co	Dubuque.	
IA	Red Oak City Landfill	Red Oak.	
IA	Shaw Avenue Dump	Charles City.	
IA	Sheller-Globe Corp. Disposal	Keokuk.	
IA	Vogel Paint & Wax Co	Orange City	C
IA	White Farm Equipment Co. Dump	Charles City	C
ID	Bunker Hill Mining & Metallurgical	Smelterville.	
ID	Eastern Michaud Flats Contamination	Pocatello.	
ID	Kerr-McGee Chemical Corp. (Soda Springs)	Soda Springs.	
ID	Monsanto Chemical Co. (Soda Springs)	Soda Springs.	
ID	Pacific Hide & Fur Recycling Co	Pocatello.	
ID	Union Pacific Railroad Co	Pocatello	C
IL	A & F Material Reclaiming, Inc	Greenup	C
IL	Acme Solvent Reclaiming (Morristown Plant)	Morristown.	
IL	Adams County Quincy Landfills 2&3	Quincy.	
IL	Amoco Chemicals (Joliet Landfill)	Joliet.	
IL	Beloit Corp	Rockton.	
IL	Belvidere Municipal Landfill	Belvidere	C
IL	Byron Salvage Yard	Byron.	
IL	Central Illinois Public Service Co	Taylorville	C
IL	Cross Brothers Pail Recycling (Pembroke)	Pembroke Township	C
IL	DuPage County Landfill/Blackwell Forest	Warrenville.	
IL	Galesburg/Koppers Co	Galesburg.	
IL	H.O.D. Landfill	Antioch.	
IL	Ilada Energy Co	East Cape Girardeau.	
IL	Interstate Pollution Control, Inc	Rockford.	
IL	Jennison-Wright Corporation	Granite City.	
IL	Johns-Manville Corp	Waukegan	C
IL	Kerr-McGee (Kress Creek/W Branch DuPage)	DuPage County.	
IL	Kerr-McGee (Reed-Keppler Park)	West Chicago.	
IL	Kerr-McGee (Residential Areas)	West Chicago/DuPage County.	
IL	Kerr-McGee (Sewage Treatment Plant)	West Chicago.	
IL	LaSalle Electric Utilities	LaSalle	C
IL	Lenz Oil Service, Inc	Lemont.	
IL	MIG/Dewane Landfill	Belvidere.	
IL	NL Industries/Taracorp Lead Smelter	Granite City.	
IL	Ottawa Radiation Areas	Ottawa.	
IL	Outboard Marine Corp	Waukegan	S
IL	Pagel's Pit	Rockford.	
IL	Parsons Casket Hardware Co	Belvidere.	
IL	Southeast Rockford Gd Wtr Contamination	Rockford.	
IL	Tri-County Landfill/Waste Mgmt Illinois	South Elgin.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
IL	Velsicol Chemical Corp. (Illinois)	Marshall	C
IL	Wauconda Sand & Gravel	Wauconda	C
IL	Woodstock Municipal Landfill	Woodstock	
IL	Yeoman Creek Landfill	Waukegan	
IN	American Chemical Service, Inc	Griffith	
IN	Bennett Stone Quarry	Bloomington	
IN	Columbus Old Municipal Landfill #1	Columbus	C
IN	Conrail Rail Yard (Elkhart)	Elkhart	
IN	Continental Steel Corp	Kokomo	
IN	Douglass Road/Uniroyal, Inc., Landfill	Mishawaka	
IN	Envirochem Corp	Zionsville	
IN	Fisher-Calo	LaPorte	
IN	Fort Wayne Reduction Dump	Fort Wayne	C
IN	Galen Myers Dump/Drum Salvage	Osceola	
IN	Himco Dump	Elkhart	
IN	Lake Sandy Jo (M&M Landfill)	Gary	C
IN	Lakeland Disposal Service, Inc	Claypool	
IN	Lemon Lane Landfill	Bloomington	
IN	MIDCO I	Gary	
IN	MIDCO II	Gary	
IN	Main Street Well Field	Elkhart	C
IN	Marion (Bragg) Dump	Marion	
IN	Neal's Dump (Spencer)	Spencer	
IN	Neal's Landfill (Bloomington)	Bloomington	
IN	Ninth Avenue Dump	Gary	C
IN	Northside Sanitary Landfill, Inc	Zionsville	C
IN	Prestolite Battery Division	Vincennes	
IN	Reilly Tar & Chemical (Indianapolis Plant)	Indianapolis	
IN	Seymour Recycling Corp	Seymour	C,S
IN	Southside Sanitary Landfill	Indianapolis	C
IN	Tippecanoe Sanitary Landfill, Inc	Lafayette	
IN	Tri-State Plating	Columbus	C
IN	Waste, Inc., Landfill	Michigan City	
IN	Wayne Waste Oil	Columbia City	C
KS	57th and North Broadway Streets Site	Wichita Heights	
KS	Ace Services	Colby	
KS	Chemical Commodities, Inc	Olathe	
KS	Cherokee County	Cherokee County	
KS	Doepke Disposal (Holliday)	Johnson County	
KS	Obee Road	Hutchinson	
KS	Pester Refinery Co	El Dorado	
KS	Strother Field Industrial Park	Cowley County	
KS	Wright Ground Water Contamination	Wright	
KY	Airco	Calvert City	
KY	B.F. Goodrich	Calvert City	
KY	Brantley Landfill	Island	
KY	Caldwell Lace Leather Co., Inc	Auburn	C
KY	Distler Brickyard	West Point	C
KY	Distler Farm	Jefferson County	C
KY	Fort Hartford Coal Co. Stone Quarry	Olaton	
KY	General Tire & Rubber (Mayfield Landfill)	Mayfield	C
KY	Green River Disposal, Inc	Maceo	
KY	Maxey Flats Nuclear Disposal	Hillsboro	
KY	National Electric Coil/Cooper Industries	Dayhoit	
KY	National Southwire Aluminum Co	Hawesville	
KY	Red Penn Sanitation Co. Landfill	PeeWee Valley	
KY	Smith's Farm	Brooks	
KY	Tri-City Disposal Co	Shepherdsville	C
LA	Agriculture Street Landfill	New Orleans	
LA	American Creosote Works, Inc (Winnfield)	Winnfield	
LA	Bayou Bonfouca	Slidell	
LA	Bayou Sorrel Site	Bayou Sorrel	C
LA	Cleve Reber	Sorrento	C
LA	Combustion, Inc	Denham Springs	
LA	D.L. Mud, Inc	Abbeville	
LA	Dutchtown Treatment Plant	Ascension Parish	
LA	Gulf Coast Vacuum Services	Abbeville	
LA	Madisonville Creosote Works	Madisonville	
LA	Old Inger Oil Refinery	Darrow	S
LA	PAB Oil & Chemical Service, Inc	Abbeville	
LA	Petro-Processors of Louisiana Inc	Scotlandville	
LA	Southern Shipbuilding	Slidell	



TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
MA	Atlas Tack Corp	Fairhaven.	
MA	Baird & McGuire	Holbrook.	
MA	Blackburn & Union Privileges	Walpole.	
MA	Cannon Engineering Corp. (CEC)	Bridgewater	C
MA	Charles-George Reclamation Landfill	Tyngsborough.	
MA	Groveland Wells	Groveland.	
MA	Haverhill Municipal Landfill	Haverhill.	
MA	Hocomonco Pond	Westborough.	
MA	Industri-Plex	Woburn.	
MA	Iron Horse Park	Billerica.	
MA	New Bedford Site	New Bedford	S
MA	Norwood PCBs	Norwood.	
MA	Nyanza Chemical Waste Dump	Ashland.	
MA	PSC Resources	Palmer.	
MA	Re-Solve, Inc	Dartmouth.	
MA	Rose Disposal Pit	Lanesboro	C
MA	Salem Acres	Salem.	
MA	Shpack Landfill	Norton/Attleboro.	
MA	Silresim Chemical Corp	Lowell.	
MA	Sullivan's Ledge	New Bedford.	
MA	W.R. Grace & Co Inc (Acton Plant)	Acton.	
MA	Wells G&H	Woburn.	
MD	Bush Valley Landfill	Abingdon.	
MD	Kane & Lombard Street Drums	Baltimore.	
MD	Limestone Road	Cumberland.	
MD	Mid-Atlantic Wood Preservers, Inc	Harmans	C
MD	Sand, Gravel & Stone	Elkton.	
MD	Southern Maryland Wood Treating	Hollywood.	
MD	Spectron, Inc	Elkton.	
MD	Woodlawn County Landfill	Woodlawn.	
ME	Eastern Surplus	Meddybemps.	
ME	McKin Co	Gray	C
ME	O'Connor Co	Augusta.	
ME	Pinette's Salvage Yard	Washburn.	
ME	Saco Municipal Landfill	Saco.	
ME	Saco Tannery Waste Pits	Saco	C
ME	Union Chemical Co., Inc	South Hope.	
ME	West Site/Hows Corners	Plymouth.	
ME	Winthrop Landfill	Winthrop.	
MI	Adam's Plating	Lansing	C
MI	Aircraft Components (D & L Sales)	Benton Harbor	A
MI	Albion-Sheridan Township Landfill	Albion.	
MI	Allied Paper/Portage Ck/Kalamazoo River	Kalamazoo.	
MI	American Anodco, Inc	Ionia	C
MI	Auto Ion Chemicals, Inc	Kalamazoo	C
MI	Avenue "E" Ground Water Contamination	Traverse City.	
MI	Barrels, Inc	Lansing.	
MI	Bendix Corp./Allied Automotive	St. Joseph.	
MI	Berlin & Farro	Swartz Creek	C
MI	Bofors Nobel, Inc	Muskegon.	
MI	Burrows Sanitation	Hartford	C
MI	Butterworth #2 Landfill	Grand Rapids.	
MI	Cannellton Industries, Inc	Saulte Saint Marie.	
MI	Chem Central	Wyoming Township	C
MI	Clare Water Supply	Clare.	
MI	Cliff/Dow Dump	Marquette	C
MI	Duell & Gardner Landfill	Dalton Township.	
MI	Electrovoice	Buchanan.	
MI	Forest Waste Products	Otisville.	
MI	G&H Landfill	Utica.	
MI	Grand Traverse Overall Supply Co	Greilickville	C
MI	Gratiot County Landfill	St. Louis	C, S
MI	H & K Sales	Belding	A
MI	H. Brown Co., Inc	Grand Rapids.	
MI	Hedblum Industries	Oscoda	C
MI	Hi-Mill Manufacturing Co	Highland	C
MI	Ionia City Landfill	Ionia.	
MI	J & L Landfill	Rochester Hills.	
MI	K&L Avenue Landfill	Oshtemo Township.	
MI	Kaydon Corp	Muskegon.	
MI	Kentwood Landfill	Kentwood	C
MI	Kysor Industrial Corp	Cadillac	C

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
MI	Liquid Disposal, Inc	Utica.	
MI	Lower Ecorse Creek Dump	Wyandotte	A
MI	Mason County Landfill	Pere Marquette Twp	C
MI	McGraw Edison Corp	Albion.	
MI	Metamora Landfill	Metamora.	
MI	Michigan Disposal (Cork Street Landfill)	Kalamazoo.	
MI	Motor Wheel, Inc	Lansing.	
MI	Muskegon Chemical Co	Whitehall.	
MI	North Bronson Industrial Area	Bronson.	
MI	Northern Plating	Cadillac	C
MI	Novaco Industries	Temperance	C
MI	Organic Chemicals, Inc	Grandville.	
MI	Ott/Story/Cordova Chemical Co	Dalton Township.	
MI	Packaging Corp. of America	Filer City.	
MI	Parsons Chemical Works, Inc	Grand Ledge.	
MI	Peerless Plating Co	Muskegon.	
MI	Petoskey Municipal Well Field	Petoskey.	
MI	Rasmussen's Dump	Green Oak Township	C
MI	Rockwell International Corp. (Allegan)	Allegan.	
MI	Rose Township Dump	Rose Township	C
MI	Roto-Finish Co., Inc	Kalamazoo.	
MI	SCA Independent Landfill	Muskegon Heights.	
MI	Shiawassee River	Howell.	
MI	South Macomb Disposal (Landfills 9 & 9A)	Macomb Township.	
MI	Southwest Ottawa County Landfill	Park Township	C
MI	Sparta Landfill	Sparta Township.	
MI	Spartan Chemical Co	Wyoming.	
MI	Spiegelberg Landfill	Green Oak Township	C
MI	Springfield Township Dump	Davisburg.	
MI	State Disposal Landfill, Inc	Grand Rapids.	
MI	Sturgis Municipal Wells	Sturgis.	
MI	Tar Lake	Mancelona Township.	
MI	Thermo-Chem, Inc	Muskegon.	
MI	Torch Lake	Houghton County.	
MI	U.S. Aviox	Howard Township	C
MI	Velsicol Chemical Corp. (Michigan)	St. Louis	C
MI	Verona Well Field	Battle Creek.	
MI	Wash King Laundry	Pleasant Plains Twp.	
MI	Waste Management of Michigan (Holland)	Holland.	
MN	Agate Lake Scrapyard	Fairview Township	C
MN	Arrowhead Refinery Co	Hermantown	C
MN	Baytown Township Ground Water Plume	Baytown Township.	
MN	Burlington Northern (Brainerd/Baxter)	Brainerd/Baxter	C
MN	FMC Corp. (Fridley Plant)	Fridley	C
MN	Freeway Sanitary Landfill	Burnsville.	
MN	General Mills/Henkel Corp	Minneapolis	C
MN	Joslyn Manufacturing & Supply Co	Brooklyn Center	C
MN	Koppers Coke	St. Paul.	
MN	Kurt Manufacturing Co	Fridley	C
MN	LaGrand Sanitary Landfill	LaGrand Township	C
MN	Lehillier/Mankato Site	Lehillier/Mankato	C
MN	Long Prairie Ground Water Contamination	Long Prairie.	
MN	MacGillis & Gibbs/Bell Lumber & Pole C	New Brighton.	
MN	NL Industries/Taracorp/Golden Auto	St. Louis Park	C
MN	Nutting Truck & Caster Co	Faribault	C
MN	Oakdale Dump	Oakdale	C
MN	Perham Arsenic Site	Perham.	
MN	Pine Bend Sanitary Landfill	Dakota County	C
MN	Reilly Tar&Chem (St. Louis Park Plant)	St. Louis Park	S
MN	Ritari Post & Pole	Sebek.	
MN	South Andover Site	Andover	C
MN	St. Louis River Site	St. Louis County.	
MN	St. Regis Paper Co	Cass Lake.	
MN	University Minnesota (Rosemount Res Cen)	Rosemount	C
MN	Waite Park Wells	Waite Park.	
MN	Whittaker Corp	Minneapolis	C
MN	Windom Dump	Windom	C
MO	Bee Cee Manufacturing Co	Malden.	
MO	Big River Mine Tailings/St. Joe Minerals	Desloge.	
MO	Conservation Chemical Co	Kansas City	C
MO	Ellisville Site	Ellisville	S
MO	Fulbright Landfill	Springfield	C

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
MO	Kem-Pest Laboratories	Cape Girardeau	C
MO	Lee Chemical	Liberty	C
MO	Minker/Stout/Romaine Creek	Imperial.	
MO	Missouri Electric Works	Cape Girardeau.	
MO	Oronogo-Duenweg Mining Belt	Jasper County.	
MO	Quality Plating	Sikeston.	
MO	Shenandoah Stables	Moscow Mills.	
MO	Solid State Circuits, Inc	Republic	C
MO	St. Louis Airport/HIS/Futura Coatings Co	St. Louis County.	
MO	Syntex Facility	Verona.	
MO	Times Beach Site	Times Beach.	
MO	Valley Park TCE	Valley Park.	
MO	Westlake Landfill	Bridgeton.	
MO	Wheeling Disposal Service Co. Landfill	Amazonia	C
MS	Newsom Brothers/Old Reichhold Chemicals	Columbia.	
MT	Anaconda Co. Smelter	Anaconda.	
MT	East Helena Site	East Helena.	
MT	Idaho Pole Co	Bozeman.	
MT	Libby Ground Water Contamination	Libby	C
MT	Milltown Reservoir Sediments	Milltown.	
MT	Montana Pole and Treating	Butte.	
MT	Mouat Industries	Columbus	C
MT	Silver Bow Creek/Butte Area	Sil Bow/Deer Lodge.	
NC	ABC One Hour Cleaners	Jacksonville.	
NC	Aberdeen Pesticide Dumps	Aberdeen.	
NC	Benfield Industries, Inc.	Hazelwood.	
NC	Bypass 601 Ground Water Contamination	Concord.	
NC	Cape Fear Wood Preserving	Fayetteville.	
NC	Carolina Transformer Co	Fayetteville.	
NC	Celanese Corp. (Shelby Fiber Operations)	Shelby	C
NC	Charles Macon Lagoon & Drum Storage	Cordova	C
NC	Chemtronics, Inc	Swannanoa	C
NC	FCX, Inc. (Statesville Plant)	Statesville.	
NC	FCX, Inc. (Washington Plant)	Washington.	
NC	Geigy Chemical Corp. (Aberdeen Plant)	Aberdeen.	
NC	General Electric Co/Shepherd Farm	East Flat Rock	P
NC	JFD Electronics/Channel Master	Oxford.	
NC	Jadco-Hughes Facility	Belmont	C
NC	Koppers Co. Inc. (Morrisville Plant)	Morrisville.	
NC	Martin-Marietta, Sodyeco, Inc	Charlotte.	
NC	NC State University (Lot 86, Farm Unit #1)	Raleigh.	
NC	National Starch & Chemical Corp	Salisbury.	
NC	New Hanover Cnty Airport Burn Pit	Wilmington.	
NC	Potter's Septic Tank Service Pits	Maco.	
NE	10th Street Site	Columbus.	
NE	Bruno Co-op Association/Associated Prop	Bruno.	
NE	Cleburn Street Well	Grand Island.	
NE	Hastings Ground Water Contamination	Hastings.	
NE	Lindsay Manufacturing Co	Lindsay	C
NE	Nebraska Ordnance Plant (Former)	Mead.	
NE	Ogallala Ground Water Contamination	Ogallala.	
NE	Sherwood Medical Co	Norfolk.	
NE	Waverly Ground Water Contamination	Waverly	C
NH	Auburn Road Landfill	Londonderry.	
NH	Beede Waste Oil	Plaistow.	
NH	Coakley Landfill	North Hampton.	
NH	Dover Municipal Landfill	Dover.	
NH	Fletcher's Paint Works & Storage	Milford.	
NH	Kearsarge Metallurgical Corp	Conway	C
NH	Keefe Environmental Services	Epping	C
NH	Mottolo Pig Farm	Raymond	C
NH	New Hampshire Plating Co	Merrimack.	
NH	Ottati & Goss/Kingston Steel Drum	Kingston.	
NH	Savage Municipal Water Supply	Milford.	
NH	Somersworth Sanitary Landfill	Somersworth.	
NH	South Municipal Water Supply Well	Peterborough	C
NH	Sylvester	Nashua	C, S
NH	Tibbetts Road	Barrington.	
NH	Tinkham Garage	Londonderry	C
NH	Town Garage/Radio Beacon	Londonderry	C
NJ	A. O. Polymer	Sparta Township.	
NJ	American Cyanamid Co	Bound Brook.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
NJ	Asbestos Dump	Millington.	
NJ	Bog Creek Farm	Howell Township	C
NJ	Brick Township Landfill	Brick Township.	
NJ	Bridgeport Rental & Oil Services	Bridgeport.	
NJ	Brook Industrial Park	Bound Brook.	
NJ	Burnt Fly Bog	Marlboro Township.	
NJ	CPS/Madison Industries	Old Bridge Township.	
NJ	Caldwell Trucking Co	Fairfield.	
NJ	Chemical Control	Elizabeth	C
NJ	Chemical Insecticide Corp	Edison Township.	
NJ	Chemical Leaman Tank Lines, Inc	Bridgeport.	
NJ	Chemsol, Inc	Piscataway.	
NJ	Ciba-Geigy Corp	Toms River.	
NJ	Cinnaminson Ground Water Contamination	Cinnaminson Township.	
NJ	Combe Fill North Landfill	Mount Olive Township	C
NJ	Combe Fill South Landfill	Chester Township.	
NJ	Cosden Chemical Coatings Corp	Beverly.	
NJ	Curcio Scrap Metal, Inc	Saddle Brook Township.	
NJ	D'Imperio Property	Hamilton Township.	
NJ	Dayco Corp./L.E Carpenter Co	Wharton Borough.	
NJ	De Rewal Chemical Co	Kingwood Township.	
NJ	Delilah Road	Egg Harbor Township.	
NJ	Denzer & Schafer X-Ray Co	Bayville	C
NJ	Diamond Alkali Co	Newark.	
NJ	Dover Municipal Well 4	Dover Township.	
NJ	Ellis Property	Evesham Township.	
NJ	Evor Phillips Leasing	Old Bridge Township.	
NJ	Ewan Property	Shamong Township.	
NJ	Fair Lawn Well Field	Fair Lawn.	
NJ	Florence Land Recontouring Landfill	Florence Township.	
NJ	Franklin Burn	Franklin Township.	
NJ	Fried Industries	East Brunswick Township.	
NJ	GEMS Landfill	Gloucester Township.	
NJ	Garden State Cleaners Co	Minotola.	
NJ	Glen Ridge Radium Site	Glen Ridge.	
NJ	Global Sanitary Landfill	Old Bridge Township.	
NJ	Goose Farm	Plumstead Township	C
NJ	Helen Kramer Landfill	Mantua Township	C
NJ	Hercules, Inc. (Gibbstown Plant)	Gibbstown.	
NJ	Higgins Disposal	Kingston.	
NJ	Higgins Farm	Franklin Township.	
NJ	Hopkins Farm	Plumstead Township	C
NJ	Horseshoe Road	Sayreville.	
NJ	Imperial Oil Co., Inc./Champion Chemicals	Morganville.	
NJ	Industrial Latex Corp	Wallington Borough.	
NJ	JIS Landfill	Jamesburg/S. Brnswck.	
NJ	Kauffman & Minter, Inc	Jobstown.	
NJ	Kin-Buc Landfill	Edison Township.	
NJ	King of Prussia	Winslow Township	C
NJ	Landfill & Development Co	Mount Holly.	
NJ	Lang Property	Pemberton Township	C
NJ	Lipari Landfill	Pitman.	
NJ	Lodi Municipal Well	Lodi	C
NJ	Lone Pine Landfill	Freehold Township	C
NJ	Mannheim Avenue Dump	Galloway Township	C
NJ	Maywood Chemical Co	Maywood/Rochelle Park.	
NJ	Metaltec/Aerosystems	Franklin Borough.	
NJ	Monitor Devices/Intercircuits Inc	Wall Township.	
NJ	Montclair/West Orange Radium Site	Montclair/W Orange.	
NJ	Montgomery Township Housing Development	Montgomery Township.	
NJ	Myers Property	Franklin Township.	
NJ	NL Industries	Pedricktown.	
NJ	Nascolite Corp	Millville.	
NJ	PJP Landfill	Jersey City.	
NJ	Pepe Field	Boonton.	
NJ	Pohatcong Valley Ground Water Contaminat	Warren County.	
NJ	Pomona Oaks Residential Wells	Galloway Township	C
NJ	Price Landfill	Pleasantville	S
NJ	Radiation Technology, Inc	Rockaway Township.	
NJ	Reich Farms	Pleasant Plains.	
NJ	Renora, Inc	Edison Township	C
NJ	Rockaway Borough Well Field	Rockaway Township.	



TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
NJ	Rockaway Township Wells	Rockaway.	
NJ	Rocky Hill Municipal Well	Rocky Hill Borough.	
NJ	Roebeling Steel Co	Florence.	
NJ	Sayreville Landfill	Sayreville.	
NJ	Scientific Chemical Processing	Carlstadt.	
NJ	Sharkey Landfill	Parsippany/Troy Hls.	
NJ	Shieldalloy Corp	Newfield Borough.	
NJ	South Brunswick Landfill	South Brunswick	C
NJ	South Jersey Clothing Co	Minotola.	
NJ	Swope Oil & Chemical Co	Pennsauken.	
NJ	Syncon Resins	South Kearny.	
NJ	Tabernacle Drum Dump	Tabernacle Township	C
NJ	U.S. Radium Corp	Orange.	
NJ	Universal Oil Products (Chemical Division)	East Rutherford.	
NJ	Upper Deerfield Township Sanit. Landfill	Upper Deerfield Township	C
NJ	Ventron/Velsicol	Wood Ridge Borough.	
NJ	Vineland Chemical Co., Inc	Vineland.	
NJ	Vineland State School	Vineland	C
NJ	Waldick Aerospace Devices, Inc	Wall Township.	
NJ	Welsbach & General Gas Mantle (Camden)	Camden and Gloucester City.	
NJ	White Chemical Corp	Newark	A
NJ	Williams Property	Swainton	C
NJ	Wilson Farm	Plumstead Township	C
NJ	Woodland Route 532 Dump	Woodland Township.	
NJ	Woodland Route 72 Dump	Woodland Township.	
NM	AT & SF (Clovis)	Clovis.	
NM	AT&SF (Albuquerque)	Albuquerque.	
NM	Cimarron Mining Corp	Carrizozo	C
NM	Cleveland Mill	Silver City.	
NM	Homestake Mining Co	Milan	C
NM	Prewitt Abandoned Refinery	Prewitt	C
NM	South Valley	Albuquerque	C, S
NM	United Nuclear Corp	Church Rock.	
NV	Carson River Mercury Site	Lyon/Churchill Cnty.	
NY	American Thermostat Co	South Cairo.	
NY	Anchor Chemicals	Hicksville.	
NY	Applied Environmental Services	Glenwood Landing	C
NY	Batavia Landfill	Batavia.	
NY	Brewster Well Field	Putnam County.	
NY	Byron Barrel & Drum	Byron.	
NY	Carroll & Dubies Sewage Disposal	Port Jervis.	
NY	Circuitron Corp	East Farmingdale.	
NY	Claremont Polychemical	Old Bethpage.	
NY	Colesville Municipal Landfill	Town of Colesville.	
NY	Conklin Dumps	Conklin	C
NY	Cortese Landfill	Village of Narrowsburg.	
NY	Endicott Village Well Field	Village of Endicott.	
NY	FMC Corp. (Dublin Road Landfill)	Town of Shelby.	
NY	Facet Enterprises, Inc	Elmira.	
NY	Forest Glen Mobile Home Subdivision	Niagara Falls	A
NY	Fulton Terminals	Fulton.	
NY	GCL Tie & Treating Inc	Village of Sidney.	
NY	GE Moreau	South Glen Falls.	
NY	General Motors (Central Foundry Division)	Massena.	
NY	Genzale Plating Co	Franklin Square.	
NY	Goldisc Recordings, Inc	Holbrook.	
NY	Haviland Complex	Town of Hyde Park.	
NY	Hertel Landfill	Plattekill.	
NY	Hooker (102nd Street)	Niagara Falls.	
NY	Hooker (Hyde Park)	Niagara Falls.	
NY	Hooker (S Area)	Niagara Falls.	
NY	Hooker Chemical/Ruco Polymer Corp	Hicksville.	
NY	Hudson River PCBs	Hudson River.	
NY	Islip Municipal Sanitary Landfill	Islip.	
NY	Johnstown City Landfill	Town of Johnstown.	
NY	Jones Chemicals, Inc	Caledonia.	
NY	Jones Sanitation	Hyde Park.	
NY	Katonah Municipal Well	Town of Bedford	C
NY	Kentucky Avenue Well Field	Horseheads.	
NY	Li Tungsten Corp	Glen Cove.	
NY	Liberty Industrial Finishing	Farmingdale.	
NY	Little Valley	Little Valley	A

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
NY	Love Canal	Niagara Falls.	
NY	Ludlow Sand & Gravel	Clayville.	
NY	Malta Rocket Fuel Area	Malta.	
NY	Mattiace Petrochemical Co., Inc	Glen Cove.	
NY	Mercury Refining, Inc	Colonie.	
NY	Nepera Chemical Co., Inc	Maybrook.	
NY	Niagara County Refuse	Wheatfield.	
NY	Niagara Mohawk Power Co (Saratoga Spings)	Saratoga Springs.	
NY	North Sea Municipal Landfill	North Sea	C
NY	Old Bethpage Landfill	Oyster Bay	C
NY	Olean Well Field	Olean.	
NY	Onondaga Lake	Syracuse.	
NY	Pasley Solvents & Chemicals, Inc	Hempstead.	
NY	Pfohl Brothers Landfill	Cheektowaga.	
NY	Pollution Abatement Services	Oswego	S
NY	Port Washington Landfill	Port Washington.	
NY	Preferred Plating Corp	Farmingdale.	
NY	Ramapo Landfill	Ramapo.	
NY	Richardson Hill Road Landfill/Pond	Sidney Center.	
NY	Robintech, Inc./National Pipe Co	Town of Vestal.	
NY	Rosen Brothers Scrap Yard/Dump	Cortland.	
NY	Rowe Industries Gnd Water Contamination	Noyack/Sag Harbor.	
NY	SMS Instruments, Inc	Deer Park	C
NY	Sarney Farm	Amenia.	
NY	Sealand Restoration, Inc	Lisbon.	
NY	Sidney Landfill	Sidney.	
NY	Sinclair Refinery	Wellsville.	
NY	Solvent Savers	Lincklaen.	
NY	Syosset Landfill	Oyster Bay.	
NY	Tri-Cities Barrel Co., Inc	Port Crane.	
NY	Tronic Plating Co., Inc	Farmingdale	C
NY	Vestal Water Supply Well 1-1	Vestal.	
NY	Vestal Water Supply Well 4-2	Vestal.	
NY	Volney Municipal Landfill	Town of Volney.	
NY	Warwick Landfill	Warwick.	
NY	York Oil Co	Moir.	
OH	Allied Chemical & Ironton Coke	Ironton.	
OH	AlSCO Anaconda	Gnadenhutten	C
OH	Arcanum Iron & Metal	Darke County.	
OH	Big D Campground	Kingsville	C
OH	Bowers Landfill	Circleville	C
OH	Buckeye Reclamation	St. Clairsville.	
OH	Chem-Dyne	Hamilton	C,S
OH	Coshocton Landfill	Franklin Township	C
OH	E.H. Schilling Landfill	Hamilton Township	C
OH	Fields Brook	Ashtabula.	
OH	Fultz Landfill	Jackson Township.	
OH	Industrial Excess Landfill	Uniontown.	
OH	Laskin/Poplar Oil Co	Jefferson Township	C
OH	Miami County Incinerator	Troy	C
OH	Nease Chemical	Salem.	
OH	New Lyme Landfill	New Lyme	C
OH	North Sanitary Landfill	Dayton.	
OH	Old Mill	Rock Creek	C
OH	Ormet Corp	Hannibal.	
OH	Powell Road Landfill	Dayton.	
OH	Pristine, Inc	Reading.	
OH	Reilly Tar & Chemical (Dover Plant)	Dover.	
OH	Republic Steel Corp. Quarry	Elyria	C
OH	Sanitary Landfill Co. (Industrial Waste)	Dayton.	
OH	Skinner Landfill	West Chester.	
OH	South Point Plant	South Point.	
OH	Summit National	Deerfield Township	C
OH	TRW, Inc. (Minerva Plant)	Minerva	C
OH	United Scrap Lead Co., Inc	Troy.	
OH	Van Dale Junkyard	Marietta.	
OH	Zanesville Well Field	Zanesville	C
OK	Compass Industries (Avery Drive)	Tulsa	C
OK	Double Eagle Refinery Co	Oklahoma City.	
OK	Fourth Street Abandoned Refinery	Oklahoma City	C
OK	Hardage/Criner	Criner.	
OK	Mosley Road Sanitary Landfill	Oklahoma City.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
OK	Oklahoma Refining Co	Cyril.	
OK	Sand Springs Petrochemical Complex	Sand Springs.	
OK	Tar Creek (Ottawa County)	Ottawa County.	
OK	Tenth Street Dump/Junkyard	Oklahoma City	C
OR	Gould, Inc	Portland.	
OR	Joseph Forest Products	Joseph	C
OR	McCormick & Baxter Creos. Co (Portland)	Portland.	
OR	Northwest Pipe & Casing Co	Clackamas.	
OR	Reynolds Metals Company	Troutdale.	
OR	Teledyne Wah Chang	Albany.	
OR	Union Pacific Railroad Tie Treatment	The Dalles.	
OR	United Chrome Products, Inc	Corvallis	C
PA	A.I.W. Frank/Mid-County Mustang	Exton.	
PA	Aladdin Plating	Scott Township	C
PA	Austin Avenue Radiation Site	Delaware County	A
PA	Avco Lycoming (Williamsport Division)	Williamsport.	
PA	Bally Ground Water Contamination	Bally Borough.	
PA	Bell Landfill	Terry Township.	
PA	Bendix Flight Systems Division	Bridgewater Township	C
PA	Berkley Products Co. Dump	Denver.	
PA	Berks Landfill	Spring Township.	
PA	Berks Sand Pit	Longswamp Township	C
PA	Blosenski Landfill	West Caln Township.	
PA	Boarhead Farms	Bridgeton Township.	
PA	Breslube-Penn, Inc	Coraopolis.	
PA	Brodhead Creek	Stroudsburg.	
PA	Brown's Battery Breaking	Shoemakersville.	
PA	Bruin Lagoon	Bruin Borough	C
PA	Butler Mine Tunnel	Pittston.	
PA	Butz Landfill	Stroudsburg.	
PA	C & D Recycling	Foster Township.	
PA	Centre County Kepone	State College Borough.	
PA	Commodore Semiconductor Group	Lower Providence Township.	
PA	Craig Farm Drum	Parker	C
PA	Crater Resources/Keystone Coke/Alan Wood	Upper Merion Township.	
PA	Crossley Farm	Hereford Township.	
PA	Croydon TCE	Croydon.	
PA	CryoChem, Inc	Worman.	
PA	Delta Quarries & Disp./Stotler Landfill	Antis/Logan Twps	C
PA	Dorney Road Landfill	Upper Macungie Township.	
PA	Douglassville Disposal	Douglassville.	
PA	Drake Chemical	Lock Haven.	
PA	Dublin TCE Site	Dublin Borough.	
PA	East Mount Zion	Springettsbury Township.	
PA	Eastern Diversified Metals	Hometown.	
PA	Elizabethtown Landfill	Elizabethtown.	
PA	Fischer & Porter Co	Warminster.	
PA	Foot Mineral Co	East Whiteland Township.	
PA	Havertown PCP	Haverford.	
PA	Hebelka Auto Salvage Yard	Weisenberg Township	C
PA	Heleva Landfill	North Whitehall Township.	
PA	Hellertown Manufacturing Co	Hellertown	C
PA	Henderson Road	Upper Merion Township	C
PA	Hranica Landfill	Buffalo Township	C
PA	Hunterstown Road	Straban Township.	
PA	Industrial Lane	Williams Township.	
PA	Jacks Creek/Sitkin Smelting and Refinery	Maitland.	
PA	Keystone Sanitation Landfill	Union Township.	
PA	Kimberton Site	Kimberton Borough	C
PA	Lackawanna Refuse	Old Forge Borough	C
PA	Lindane Dump	Harrison Township.	
PA	Lord-Shope Landfill	Girard Township	C
PA	MW Manufacturing	Valley Township.	
PA	Malvern TCE	Malvern.	
PA	McAdoo Associates	McAdoo Borough	C,S
PA	Metal Banks	Philadelphia.	
PA	Metropolitan Mirror and Glass	Frackville.	
PA	Middletown Air Field	Middletown	C
PA	Mill Creek Dump	Erie.	
PA	Modern Sanitation Landfill	Lower Windsor Township.	
PA	Moyers Landfill	Eagleview.	
PA	North Penn—Area 1	Souderton.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
PA	North Penn—Area 12	Worcester.	
PA	North Penn—Area 2	Hatfield.	
PA	North Penn—Area 5	Montgomery Township.	
PA	North Penn—Area 6	Lansdale.	
PA	North Penn—Area 7	North Wales.	
PA	Novak Sanitary Landfill	South Whitehall Township.	
PA	Occidental Chemical Corp./Firestone Tire	Lower Pottsgrove Township.	
PA	Ohio River Park	Neville Island.	
PA	Old City of York Landfill	Seven Valleys	C
PA	Osborne Landfill	Grove City.	
PA	Palmerton Zinc Pile	Palmerton.	
PA	Paoli Rail Yard	Paoli.	
PA	Publicker Industries Inc	Philadelphia.	
PA	Raymark	Hatboro	C
PA	Recticon/Allied Steel Corp	East Coventry Twp.	
PA	Resin Disposal	Jefferson Borough	C
PA	Revere Chemical Co	Nockamixon Township.	
PA	River Road Landfill/Waste Mngmnt, Inc	Hermitage	C
PA	Rodale Manufacturing Co., Inc	Emmaus Borough.	
PA	Route 940 Drum Dump	Pocono Summit	C
PA	Saegertown Industrial Area	Saegertown.	
PA	Shriver's Corner	Straban Township.	
PA	Stanley Kessler	King of Prussia.	
PA	Strasburg Landfill	Newlin Township.	
PA	Taylor Borough Dump	Taylor Borough	C
PA	Tonolli Corp	Nesquehoning.	
PA	Tyson's Dump	Upper Merion Twp.	
PA	UGI Columbia Gas Plant	Columbia.	
PA	Walsh Landfill	Honeybrook Township.	
PA	Westinghouse Electronic (Sharon Plant)	Sharon.	
PA	Westinghouse Elevator Co. Plant	Gettysburg.	
PA	Whitmoyer Laboratories	Jackson Township.	
PA	William Dick Lagoons	West Caln Township.	
PA	York County Solid Waste/Refuse Landfill	Hopewell Township	C
PR	Barceloneta Landfill	Florida Afuera.	
PR	Fibers Public Supply Wells	Jobos.	
PR	Frontera Creek	Rio Abajo.	
PR	GE Wiring Devices	Juana Diaz.	
PR	Juncos Landfill	Juncos.	
PR	RCA Del Caribe	Barceloneta.	
PR	Upjohn Facility	Barceloneta.	
PR	V&M/Albaladejo	Almirante Norte Ward.	
PR	Vega Alta Public Supply Wells	Vega Alta.	
RI	Central Landfill	Johnston.	
RI	Davis (GSR) Landfill	Glocester.	
RI	Davis Liquid Waste	Smithfield.	
RI	Landfill & Resource Recovery, Inc. (L&RR)	North Smithfield.	
RI	Peterson/Puritan, Inc	Lincoln/Cumberland.	
RI	Picillo Farm	Coventry	S
RI	Rose Hill Regional Landfill	South Kingston.	
RI	Stamina Mills, Inc	North Smithfield.	
RI	West Kingston Town Dump/URI Disposal	South Kingston.	
RI	Western Sand & Gravel	Burrillville	C
SC	Aqua-Tech Environmental Inc (Groce Labs)	Greer.	
SC	Beaunit Corp. (Circular Knit & Dye)	Fountain Inn.	
SC	Carolawn, Inc	Fort Lawn.	
SC	Elmore Waste Disposal	Greer.	
SC	Geiger (C & M Oil)	Rantoules.	
SC	Golden Strip Septic Tank Service	Simpsonville	C
SC	Helena Chemical Co Landfill	Fairfax.	
SC	Kalama Specialty Chemicals	Beaufort.	
SC	Koppers Co., Inc. (Charleston Plant)	Charleston.	
SC	Koppers Co., Inc. (Florence Plant)	Florence.	
SC	Leonard Chemical Co., Inc	Rock Hill.	
SC	Lexington County Landfill Area	Cayce.	
SC	Medley Farm Drum Dump	Gaffney	C
SC	Palmetto Recycling, Inc	Columbia.	
SC	Palmetto Wood Preserving	Dixiana.	
SC	Para-Chem Southern, Inc	Simpsonville.	
SC	Rochester Property	Travelers Rest	C
SC	Rock Hill Chemical Co	Rock Hill	C
SC	SCRDI Bluff Road	Columbia	S



TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
SC	SCRDI Dixiana	Cayce	C
SC	Sangamo Weston/Twelve-Mile/Hartwell PCB	Pickens.	
SC	Shuron Inc	Barnwell.	
SC	Townsend Saw Chain Co	Pontiac.	
SC	Wamchem, Inc	Burton.	
SD	Williams Pipe Line Co. Disposal Pit	Sioux Falls	C
TN	American Creosote Works, (Jackson Plant)	Jackson.	
TN	Arlington Blending & Packaging	Arlington.	
TN	Carrier Air Conditioning Co	Collierville	C
TN	ICG Iselin Railroad Yard	Jackson.	
TN	Mallory Capacitor Co	Waynesboro	C
TN	Murray-Ohio Dump	Lawrenceburg.	
TN	North Hollywood Dump	Memphis	S
TN	Ross Metals Inc	Rossville.	
TN	Tennessee Products	Chattanooga	A
TN	Velsicol Chemical Corp (Hardeman County)	Toone.	
TN	Wrigley Charcoal Plant	Wrigley.	
TX	ALCOA (Point Comfort)/Lavaca Bay	Point Comfort.	
TX	Bailey Waste Disposal	Bridge City.	
TX	Brio Refining, Inc	Friendswood.	
TX	Crystal Chemical Co	Houston.	
TX	Dixie Oil Processors, Inc	Friendswood	C
TX	French, Ltd	Crosby	C
TX	Geneva Industries/Fuhrmann Energy	Houston	C
TX	Highlands Acid Pit	Highlands	C
TX	Koppers Co Inc (Texarkana Plant)	Texarkana.	
TX	Motco, Inc	La Marque	S
TX	North Cavalcade Street	Houston.	
TX	Odessa Chromium #1	Odessa	C
TX	Odessa Chromium #2 (Andrews Highway)	Odessa	C
TX	Petro-Chemical Systems, (Turtle Bayou)	Liberty County.	
TX	RSR Corp	Dallas.	
TX	Sheridan Disposal Services	Hempstead.	
TX	Sikes Disposal Pits	Crosby	C
TX	Sol Lynn/Industrial Transformers	Houston	C
TX	South Cavalcade Street	Houston.	
TX	Texarkana Wood Preserving Co	Texarkana.	
TX	Triangle Chemical Co	Bridge City	C
TX	United Creosoting Co	Conroe.	
UT	Midvale Slag	Midvale.	
UT	Monticello Radioactive Contaminated Prop	Monticello.	
UT	Petrochem Recycling Corp./Ekotek Plant	Salt Lake City.	
UT	Portland Cement (Kiln Dust 2 & 3)	Salt Lake City.	
UT	Rose Park Sludge Pit	Salt Lake City	C,S
UT	Sharon Steel Corp. (Midvale Tailings)	Midvale.	
UT	Utah Power & Light/American Barrel Co	Salt Lake City	C
UT	Wasatch Chemical Co. (Lot 6)	Salt Lake City.	
VA	Abex Corp	Portsmouth.	
VA	Arrowhead Associates/Scovill Corp	Montross.	
VA	Atlantic Wood Industries, Inc	Portsmouth.	
VA	Avtex Fibers, Inc	Front Royal.	
VA	Buckingham County Landfill	Buckingham.	
VA	C & R Battery Co., Inc	Chesterfield County	C
VA	Chisman Creek	York County	C
VA	Culpeper Wood Preservers, Inc	Culpeper.	
VA	Dixie Caverns County Landfill	Salem.	
VA	First Piedmont Rock Quarry (Route 719)	Pittsylvania County	C
VA	Greenwood Chemical Co	Newtown.	
VA	H & H Inc., Burn Pit	Farrington.	
VA	L.A. Clarke & Son	Spotsylvania County.	
VA	Rentokil, Inc. (VA Wood Preserving Div)	Richmond.	
VA	Rhinehart Tire Fire Dump	Frederick County.	
VA	Saltville Waste Disposal Ponds	Saltville.	
VA	Saunders Supply Co	Chuckatuck.	
VA	U.S. Titanium	Piney River.	
VI	Island Chemical Corp/V.I. Chemical Corp	Christiansted.	
VI	Tutu Wellfield	Tutu.	
VT	BFI Sanitary Landfill (Rockingham)	Rockingham	C
VT	Bennington Municipal Sanitary Landfill	Bennington.	
VT	Burgess Brothers Landfill	Woodford.	
VT	Darling Hill Dump	Lyndon	C
VT	Old Springfield Landfill	Springfield	C

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
VT	Parker Sanitary Landfill	Lyndon.	
VT	Pine Street Canal	Burlington	S
VT	Tansitor Electronics, Inc	Bennington.	
WA	American Crossarm & Conduit Co	Chehalis	C
WA	Boomsnub/Airco	Vancouver	S
WA	Centralia Municipal Landfill	Centralia.	
WA	Colbert Landfill	Colbert.	
WA	Commencement Bay, Near Shore/Tide Flats	Pierce County	P
WA	Commencement Bay, South Tacoma Channel	Tacoma.	
WA	FMC Corp. (Yakima Pit)	Yakima	C
WA	Frontier Hard Chrome, Inc	Vancouver.	
WA	General Electric Co. (Spokane Shop)	Spokane.	
WA	Greenacres Landfill	Spokane County.	
WA	Harbor Island (Lead)	Seattle	P
WA	Hidden Valley Landfill (Thun Field)	Pierce County.	
WA	Kaiser Aluminum Mead Works	Mead.	
WA	Lakewood Site	Lakewood	C,P
WA	Mica Landfill	Mica.	
WA	Midway Landfill	Kent.	
WA	Moses Lake Wellfield Contamination	Moses Lake.	
WA	North Market Street	Spokane.	
WA	Northside Landfill	Spokane	C
WA	Northwest Transformer	Everson	C
WA	Northwest Transformer(South Harkness St)	Everson	C
WA	Old Inland Pit	Spokane.	
WA	Pacific Car & Foundry Co	Renton	C
WA	Pacific Sound Resources	Seattle.	
WA	Palermo Well Field Ground Water Contam	Tumwater.	
WA	Pasco Sanitary Landfill	Pasco.	
WA	Queen City Farms	Maple Valley.	
WA	Seattle Municipal Landfill (Kent Hghlnds)	Kent	C
WA	Silver Mountain Mine	Loomis	C
WA	Spokane Junkyard/Associated Properties	Spokane.	
WA	Tulalip Landfill	Marysville.	
WA	Vancouver Water Station #1 Contamination	Vancouver.	
WA	Vancouver Water Station #4 Contamination	Vancouver.	
WA	Western Processing Co., Inc	Kent	C
WA	Wyckoff Co./Eagle Harbor	Bainbridge Island.	
WI	Algoma Municipal Landfill	Algoma	C
WI	Better Brite Plating Chrome & Zinc Shops	DePere.	
WI	City Disposal Corp. Landfill	Dunn.	
WI	Delavan Municipal Well #4	Delavan.	
WI	Eau Claire Municipal Well Field	Eau Claire	C
WI	Fadowski Drum Disposal	Franklin	C
WI	Hagen Farm	Stoughton	C
WI	Hechimovich Sanitary Landfill	Williamstown.	
WI	Hunts Disposal Landfill	Caledonia.	
WI	Janesville Ash Beds	Janesville.	
WI	Janesville Old Landfill	Janesville.	
WI	Kohler Co. Landfill	Kohler.	
WI	Lauer I Sanitary Landfill	Menomonee Falls.	
WI	Lemberger Landfill, Inc	Whitelaw	C
WI	Lemberger Transport & Recycling	Franklin Township	C
WI	Madison Metropolitan Sewerage District	Bloomington Grove.	
WI	Master Disposal Service Landfill	Brookfield.	
WI	Mid-State Disposal, Inc. Landfill	Cleveland Township	C
WI	Moss-American(Kerr-McGee Oil Co.)	Milwaukee.	
WI	Muskego Sanitary Landfill	Muskego.	
WI	N.W. Mauthe Co., Inc	Appleton	S
WI	National Presto Industries, Inc	Eau Claire.	
WI	Northern Engraving Co	Sparta	C
WI	Oconomowoc Electroplating Co. Inc	Ashippin	C
WI	Onalaska Municipal Landfill	Onalaska	C
WI	Penta Wood Products	Daniels.	
WI	Refuse Hideaway Landfill	Middleton.	
WI	Ripon City Landfill	Ripon	C
WI	Sauk County Landfill	Excelsior	C
WI	Schmalz Dump	Harrison	C
WI	Scrap Processing Co., Inc	Medford.	
WI	Sheboygan Harbor & River	Sheboygan.	
WI	Spickler Landfill	Spencer.	
WI	Stoughton City Landfill	Stoughton.	

TABLE 1.—GENERAL SUPERFUND SECTION—Continued

State	Site name	City/County	Notes(a)
WI .....	Tomah Armory .....	Tomah.	
WI .....	Tomah Fairgrounds .....	Tomah .....	C
WI .....	Tomah Municipal Sanitary Landfill .....	Tomah.	
WI .....	Waste Mgmt of WI (Brookfield Sanit LF) .....	Brookfield.	
WI .....	Wausau Ground Water Contamination .....	Wausau .....	C
WI .....	Wheeler Pit .....	La Prairie Township .....	C
WV .....	Fike Chemical, Inc .....	Nitro.	
WV .....	Follansbee Site .....	Follansbee.	
WV .....	Ordnance Works Disposal Areas .....	Morgantown.	
WV .....	Sharon Steel Corp (Fairmont Coke Works) .....	Fairmont.	
WY .....	Baxter/Union Pacific Tie Treating .....	Laramie.	
WY .....	Mystery Bridge Rd/U.S. Highway 20 .....	Evansville .....	C

(a) A = Based on issuance of health advisory by Agency for Toxic Substances and Disease Registry (if scored, IRS score need not be  $\leq$  28.50).

C = Sites on construction completion list.

S = State top priority (included among the 100 top priority sites regardless of score).

P = Sites with partial deletion(s).

TABLE 2.—FEDERAL FACILITIES SECTION

St	Site name	City/County	Notes(a)
AK .....	Adak Naval Air Station .....	Adak.	
AK .....	Eielson Air Force Base .....	Fairbanks N Star Borough.	
AK .....	Elmendorf Air Force Base .....	Greater Anchorage Borough.	
AK .....	Fort Richardson (USARMY) .....	Anchorage.	
AK .....	Fort Wainwright .....	Fairbanks N Star Borough.	
AK .....	Standard Steel & Metals Salvage Yard (USDOT) .....	Anchorage.	
AL .....	Alabama Army Ammunition Plant .....	Childersburg.	
AL .....	Anniston Army Depot (SE Industrial Area) .....	Anniston.	
AL .....	Redstone Arsenal (USARMY/NASA) .....	Huntsville.	
AZ .....	Luke Air Force Base .....	Glendale.	
AZ .....	Williams Air Force Base .....	Chandler.	
AZ .....	Yuma Marine Corps Air Station .....	Yuma.	
CA .....	Barstow Marine Corps Logistics Base .....	Barstow.	
CA .....	Camp Pendleton Marine Corps Base .....	San Diego County.	
CA .....	Castle Air Force Base .....	Merced.	
CA .....	Concord Naval Weapons Station .....	Concord.	
CA .....	Edwards Air Force Base .....	Kern County.	
CA .....	El Toro Marine Corps Air Station .....	El Toro.	
CA .....	Fort Ord .....	Marina.	
CA .....	George Air Force Base .....	Victorville.	
CA .....	Jet Propulsion Laboratory (NASA) .....	Pasadena.	
CA .....	LEHR/Old Campus Landfill (USDOE) .....	Davis.	
CA .....	Lawrence Livermore Lab Site 300 (USDOE) .....	Livermore.	
CA .....	Lawrence Livermore Laboratory (USDOE) .....	Livermore.	
CA .....	March Air Force Base .....	Riverside.	
CA .....	Mather Air Force Base .....	Sacramento.	
CA .....	McClellan Air Force Base (GW Contam) .....	Sacramento.	
CA .....	Moffett Naval Air Station .....	Sunnyvale.	
CA .....	Norton Air Force Base .....	San Bernardino.	
CA .....	Riverbank Army Ammunition Plant .....	Riverbank.	
CA .....	Sacramento Army Depot .....	Sacramento.	
CA .....	Sharpe Army Depot .....	Lathrop.	
CA .....	Tracy Defense Depot (USARMY) .....	Tracy.	
CA .....	Travis Air Force Base .....	Solano County.	
CA .....	Treasure Island Naval Station-Hun Pt An .....	San Francisco.	
CO .....	Air Force Plant PJKS .....	Waterton.	
CO .....	Rocky Flats Plant (USDOE) .....	Golden.	
CO .....	Rocky Mountain Arsenal (USARMY) .....	Adams County.	
CT .....	New London Submarine Base .....	New London.	
DE .....	Dover Air Force Base .....	Dover.	
FL .....	Cecil Field Naval Air Station .....	Jacksonville.	
FL .....	Homestead Air Force Base .....	Homestead.	
FL .....	Jacksonville Naval Air Station .....	Jacksonville.	
FL .....	Pensacola Naval Air Station .....	Pensacola.	
FL .....	Tyndall Air Force Base .....	Panama City.	
FL .....	Whiting Field Naval Air Station .....	Milton.	
GA .....	Marine Corps Logistics Base .....	Albany.	
GA .....	Robins Air Force Base(Lf#4/Sludge Lagoon) .....	Houston County.	
GU .....	Andersen Air Force Base .....	Yigo.	

TABLE 2.—FEDERAL FACILITIES SECTION—Continued

St	Site name	City/County	Notes(a)
HI	Naval Computer & Telecommunications Area	Oahu.	
HI	Pearl Harbor Naval Complex	Pearl Harbor.	
HI	Schofield Barracks (USARMY)	Oahu.	
IA	Iowa Army Ammunition Plant	Middletown.	
ID	Idaho National Engineering Lab (USDOE)	Idaho Falls.	
ID	Mountain Home Air Force Base	Mountain Home.	
IL	Joliet Army Ammunition Plant (LAP Area)	Joliet.	
IL	Joliet Army Ammunition Plant (Mfg Area)	Joliet.	
IL	Sangamo Electric/Crab Orchard NWR (USDOI)	Carterville.	
IL	Savanna Army Depot Activity	Savanna.	
KS	Fort Riley	Junction City.	
KY	Paducah Gaseous Diffusion Plant (USDOE)	Paducah.	
LA	Louisiana Army Ammunition Plant	Doyline.	
MA	Fort Devens	Fort Devens.	
MA	Fort Devens-Sudbury Training Annex	Middlesex County.	
MA	Hanscom Field/Hanscom Air Force Base	Bedford.	
MA	Materials Technology Laboratory (USARMY)	Watertown.	
MA	Natick Laboratory Army Research, D&E Cntr	Natick.	
MA	Naval Weapons Industrial Reserve Plant	Bedford.	
MA	Otis Air National Guard (USAF)	Falmouth.	
MA	South Weymouth Naval Air Station	Weymouth.	
MD	Aberdeen Proving Ground (Edgewood Area)	Edgewood.	
MD	Aberdeen Proving Ground (Michaelsville LF)	Aberdeen.	
MD	Beltsville Agricultural Research (USDA)	Beltsville.	
MD	Indian Head Naval Surface Warfare Center	Indian Head.	
MD	Patuxent River Naval Air Station	St. Mary's County.	
ME	Brunswick Naval Air Station	Brunswick.	
ME	Loring Air Force Base	Limestone.	
ME	Portsmouth Naval Shipyard	Kittery.	
MN	Naval Industrial Reserve Ordnance Plant	Fridley.	
MN	New Brighton/Arden Hills/TCAAP (USARMY)	New Brighton.	
MO	Lake City Army Ammu. Plant (NW Lagoon)	Independence.	
MO	Weldon Spring Former Army Ordnance Works	St. Charles County.	
MO	Weldon Spring Quarry/Plant/Pitts (USDOE)	St. Charles County.	
NC	Camp Lejeune Military Res. (USNAVY)	Onslow County.	
NC	Cherry Point Marine Corps Air Station	Havelock.	
NE	Cornhusker Army Ammunition Plant	Hall County.	
NH	Pease Air Force Base	Portsmouth/Newington.	
NJ	Federal Aviation Admin. Tech. Center	Atlantic County.	
NJ	Fort Dix (Landfill Site)	Pemberton Township.	
NJ	Naval Air Engineering Center	Lakehurst.	
NJ	Naval Weapons Station Earle (Site A)	Colts Neck.	
NJ	Picatinny Arsenal (USARMY)	Rockaway Township.	
NJ	W.R. Grace/Wayne Interim Storage (USDOE)	Wayne Township.	
NM	Lee Acres Landfill (USDOI)	Farmington.	
NY	Brookhaven National Laboratory (USDOE)	Upton.	
NY	Griffiss Air Force Base	Rome.	
NY	Plattsburgh Air Force Base	Plattsburgh.	
NY	Seneca Army Depot	Romulus.	
OH	Feed Materials Production Center (USDOE)	Fernald.	
OH	Mound Plant (USDOE)	Miamisburg.	
OH	Wright-Patterson Air Force Base	Dayton.	
OK	Tinker Air Force (Soldier Cr/Bldg 300)	Oklahoma City.	
OR	Fremont Nat. Forest Uranium Mines (USDA)	Lakeview.	
OR	Umatilla Army Depot (Lagoons)	Hermiston.	
PA	Letterkenny Army Depot (PDO Area)	Franklin County.	
PA	Letterkenny Army Depot (SE Area)	Chambersburg.	
PA	Naval Air Development Center (8 Areas)	Warminster Township.	
PA	Navy Ships Parts Control Center	Mechanicsburg.	
PA	Tobyhanna Army Depot	Tobyhanna.	
PA	Willow Grove Naval Air & Air Res. Stn.	Willow Grove.	
PR	Naval Security Group Activity	Sabana Seca.	
RI	Davisville Naval Construction Batt Cent	North Kingston.	
RI	Newport Naval Education/Training Center	Newport.	
SC	Parris Island Marine Corps Recruit Depot	Parris Island.	
SC	Savannah River Site (USDOE)	Aiken.	
SD	Ellsworth Air Force Base	Rapid City.	
TN	Memphis Defense Depot (DLA)	Memphis.	
TN	Milan Army Ammunition Plant	Milan.	
TN	Oak Ridge Reservation (USDOE)	Oak Ridge.	
TX	Air Force Plant #4 (General Dynamics)	Fort Worth.	
TX	Lone Star Army Ammunition Plant	Texarkana.	

TABLE 2.—FEDERAL FACILITIES SECTION—Continued

St	Site name	City/County	Notes(a)
TX .....	Longhorn Army Ammunition Plant .....	Karnack.	
TX .....	Pantex Plant (USDOE) .....	Pantex Village.	
UT .....	Hill Air Force Base .....	Ogden.	
UT .....	Monticello Mill Tailings (USDOE) .....	Monticello.	
UT .....	Ogden Defense Depot (DLA) .....	Ogden.	
UT .....	Tooele Army Depot (North Area) .....	Tooele.	
VA .....	Defense General Supply Center (DLA) .....	Chesterfield County.	
VA .....	Fort Eustis (US Army) .....	Newport News.	
VA .....	Langley Air Force Base/NASA Langley Cntr .....	Hampton.	
VA .....	Marine Corps Combat Development Command .....	Quantico.	
VA .....	Naval Surface Warfare—Dahlgren .....	Dahlgren.	
VA .....	Naval Weapons Station—Yorktown .....	Yorktown.	
VA .....	Norfolk Naval Base (Sewells Pt Nvl Cmpx) .....	Norfolk.	
WA .....	American Lake Gardens/McChord AFB .....	Tacoma.	
WA .....	Bangor Naval Submarine Base .....	Silverdale.	
WA .....	Bangor Ordnance Disposal (USNAVY) .....	Bremerton.	
WA .....	Fairchild Air Force Base (4 Waste Areas) .....	Spokane County.	
WA .....	Fort Lewis Logistics Center .....	Tillicum.	
WA .....	Hanford 100-Area (USDOE) .....	Benton County.	
WA .....	Hanford 200-Area (USDOE) .....	Benton County.	
WA .....	Hanford 300-Area (USDOE) .....	Benton County.	
WA .....	Jackson Park Housing Complex (USNAVY) .....	Kitsap County.	
WA .....	Naval Air Station, Whidbey Island (Ault) .....	Whidbey Island.	
WA .....	Naval Undersea Warfare Station (4 Areas) .....	Keyport.	
WA .....	Old Navy Dump/Manchester Lab (USEPA/NOAA) .....	Manchester.	
WA .....	Port Hadlock Detachment (USNAVY) .....	Indian Island.	
WA .....	Puget Sound Naval Shipyard Complex .....	Bremerton.	
WV .....	Allegany Ballistics Laboratory (USNAVY) .....	Mineral.	
WV .....	West Virginia Ordnance (USARMY) .....	Point Pleasant.	
WY .....	F.E. Warren Air Force Base .....	Cheyenne.	

(a) A=Based on issuance of health advisory by Agency for Toxic Substances and Disease Registry (if scored, HRS score need not be >28.50).

C=Sites on construction completion list.

S=State top priority (included among the 100 top priority sites regardless of score).

P=Sites with partial deletion(s).

[FR Doc. 97-8086 Filed 3-31-97; 8:45 am]

BILLING CODE 6560-50-P

**From:** [Shawn Ghose](#)  
**To:** [jean.mescher@mckesson.com](mailto:jean.mescher@mckesson.com)  
**Subject:** Fw: Final Version of the Third Five Year Review for Arkwood  
**Date:** 06/21/2011 05:19 PM

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----- Forwarded by Shawn Ghose/R6/USEPA/US on 06/21/2011 05:41 PM -----

**RE: Final Version of the Third Five Year Review for Arkwood**

Kilburn, to: Shawn Ghose,  
Dianna

05/31/2011  
02:19 PM

cc:

**Jean : Please delete this after reading. I want to know what Dianna is asking for?**

Dear Mr. Ghose,

The risk based screening levels for PCP, benzo(a) pyrene, and dioxin have been updated several times since the ROD was finalized. Part of any CERCLA 5 year review is to evaluate the remedy relative to the current standards. A change to the remedy is not implied by this comparison, but an evaluation of the remedy in light of updated risk based standards is necessary. This evaluation should include why the present remedy is still protective and changes are not needed.

ADEQ comments were not in reference to the proposed changes for dioxin, but to the current (December 2010) values at the time of the 5 year review. The evaluation relative to currently protective levels is necessary.

Sincerely,  
Dianna Kilburn

**From:** Ghose.Shawn@epamail.epa.gov [mailto:Ghose.Shawn@epamail.epa.gov]  
**Sent:** Tuesday, May 31, 2011 1:45 PM  
**To:** Egan, Marilyn; Kilburn, Dianna  
**Cc:** Sanchez.Carlos@epamail.epa.gov  
**Subject:** Final Version of the Third Five Year Review for Arkwood



Dear Ms Eagan/Kilburn: Most of the comments by ADEQ on the Third Five Year Review for the Arkwood Site has been incorporated to the maximum extent possible, in the latest version. The comments were numerous and would not be enumerated. However regarding industrial standards adopted at the time of the ROD, the change to new standards have not been adopted. The new standards will not start from Regional Screening values. The most important driver for the new standards would be driven by 2,3,7,8 TCDD. The Region was instructed by EPA HQ to put in the following statement:

The clean-up levels for PCP, c-PNAs and dioxin have not changed. EPA's dioxin reassessment has been developed and undergone review over many years with the participation of scientific experts in EPA and other federal agencies, as well as scientific experts in the private sector and academia. The Agency followed current cancer guidelines and incorporated the latest data and physiological/biochemical research into the assessment. The results of the assessment have currently not been finalized or adopted into state or federal standards. In addition, EPA/OSWER has proposed to revise the interim preliminary remediation goals (PRGs) for dioxin and dioxin-like compounds based on technical assessment of scientific and environmental data. However, EPA has not made any final decisions on interim PRGs at this time. Therefore, the dioxin toxicity reassessment for this Site will be updated during the next Five Year Review.

Sincerely

Shawn Ghose M.S., P.E., ASME

RPM Arkwood Superfund Site